

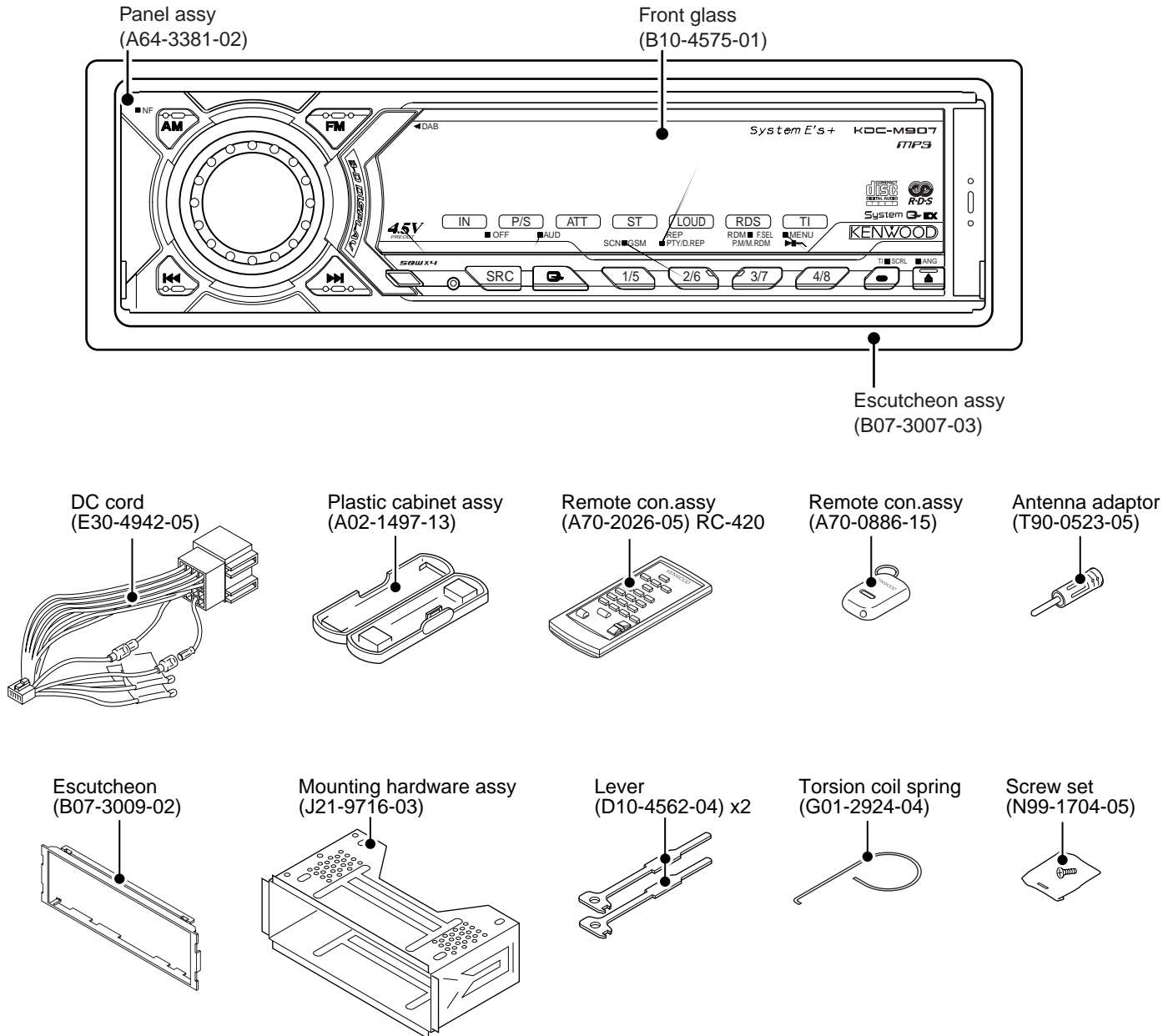
KDC-M907

SERVICE MANUAL

KENWOOD

© 2004-3 PRINTED IN JAPAN
B53-0147-00 (N) 1838

CD mechanism extension cord (24PIN) : W05-0934-00



Technical information is not in this service manual (block diagram, component description and microcomputer's terminal description).
Please refer to service manual for KDC-M9021 (B51-7901-00).



TEST MODE

Test Mode

1. How to enter test mode

While holding the [1/5] key and the [3/7] key, reset the unit.

2. How to exit from test mode

While holding down the [4/8] key, reset the unit.

Note : Does not exit from test mode ACC OFF, Power OFF or momentary power down.

3. Test mode reset status

- Sources are all OFF
- All display segment lit up
- Volume at -10dB (shows 30 on display)
- LOUD is OFF.
- CRSC is OFF regardless of whether switching function is provided.
- SYSTEM Q is in FLAT
- BEEP sounds at momentarily pressing at any time.

4. Special displays in Tuner

When the following displays appear in tuner mode it shows a problem with the front end.

- “TNE2P NG” : F/E is not aligned and EEPROM is in reset (no settings) such as when shipped.
- “TNCON NG” : Cannot communicate with F/E (front-end).

5. K3I switching

Each time the Preset [6] key is pressed in Tuner mode, switches one at a time through the following sequence : AUTO→Forced Wide→Forced Middle→Forced Narrow→AUTO.

When reset, displays the following in AUTO.

- AUTO : FMA
- Forced Wide : FMW
- Forced Middle : FMM
- Forced Narrow : FMN

6. CD receiver test mode specifications

- No automatic ejection during reset-start. Does not make a CD check in reset with a CD loaded.
- Using the Track up key jumps to the following tracks.
No. 9→No. 15→No. 10→No. 11→No. 12→No. 13→No. 14 →and back to No. 9
- Using the Track down key moves 1 track down wards from the track being played.
- When the total number of MP3 or WMA disc tracks is 9 or less, playback starts from the first track.
- With the model equipped with the MP3 or MP3/WMP mechanism, the mechanism model name and version number are displayed at the bottom line.

7. Audio items

- Momentarily pressing the [Q] key calls up audio adjustment mode.
- Pressing the [*] key on the remote control calls up audio alignment mode.

- An initial item is set to Feder.
- Continuous forward is disabled on the remote control.
- Bass/Middle/Treble/NF are settable in 3 steps of MIN/Center/MAX with the [Track up/down] keys.
- Balance is settable in 3 steps of Left MAX/Center/Right MAX with the [Track up/down] keys.
- Fader is settable in 3 steps of Rear MAX/Center/Front MAX with the [Track up/down] keys.
- HPF is settable in 2 steps of THRU/220Hz with the [Track up/down] keys.
- LPF is settable in 2 steps of THRU/120Hz with the [Track up/down] keys.
- Bass f/Bass Q/Bass EXT/Middle f/Middle Q/Treble f do not appear in the audio alignment.

8. Menu items

- The [DNPP/SBF] keys on the remote control calls up Menu mode.
- Continuous forward is disabled on the remote control.

9. Backup current measurement

The MUTE terminal turns off 2 seconds (not 15 seconds) after being reset in ACC off (backup on). (The panel and CD mechanisms are disabled during this time.)

10. Special displays during All-Off with all lamps on

The following displays appear when the [preset] keys are pressed with all display segment lit up.

[1/5] key	<ul style="list-style-type: none">• Version display (8 digits; Mo. Dy. Hr. Mn.) (Display) SYS XXXXXXXX system microprocessor PAN XXXXXXXX panel microprocessor• Serial No. display (8 digits) (Display) Sno XXXXXXXX
[2/6] key	<ul style="list-style-type: none">• Press once: Power on time display (Does not count during All-Off) Press long: Clears the time display during power-on. (Display) PonTim XXXXX MAX 65535 (time)• Press once: CD operating time display. Press long: Clears CD operating time. (Display) CDTime XXXXX MAX 65535 (time)
[3/7] key	<ul style="list-style-type: none">Press once: CD eject count display. Press long: Clears CD eject count display. (Display) EjeTim XXXXX MAX 65535 (count)
[4/8] key	<ul style="list-style-type: none">Press once: PANEL open/shut count display. Press long: Clears PANEL open/shut count display. (Display) PnCnt XXXXX MAX 655350 (count)

11. Channel space switching (K/M type)

While holding the [1/5] key and the [4/8] key, reset the unit.

12. Others

- Automatic panel close is disabled when CD is inserted.
- Panel operation is disabled at Power-ON or Power-OFF.

TEST MODE

- Panel open and closes with press long the [Q] key.
- No displays such as "CODE OFF" during Power-ON.
- Pressing the [TI (AUTO)] key during changer operation turns on 2 zone. Cancel by pressing the [TI (AUTO)] key again. The P/S dot is lit during 2 zone.
- Pressing the [4/8] key for 1 second or more during All OFF, calls up the Mask Key (security) write mode.

Security Items

1. Forced power-ON mode (all models)

Even when writing is permitted by the security function (mask key), Power-on can be set for a 30 minute period each time the reset key is pressed while holding down the [Q] key and [4/8] keys. After 30 minutes elapses, can only be restored by using reset.

2. How to register the security code for EEPROM (F/E) replacement (coded security models)

- 1) Enter the test mode. (See 1. How to enter the test mode)
- 2) Press the [4/8] key to enter the MENU MODE.
- 3) While "Security" is displayed, press and hold the [Track up or down] key for a second to enter the security registration mode.
- 4) Enter the code using the [FM/AM/Track up/Track down] keys.
FM key : Increments the number.
AM key : Decrements the number.
Track up key : Moves the cursor to the right.
Track down key : Moves the cursor to the left.
- 5) Hold down the [Track up] key for at least 3 seconds and the message, "RE-ENTER" appears, so once again enter the code according to Step 4) above.
- 6) Hold down the [Track up] key for at least 3 seconds, and the message, "APPROVED" appears.
- 7) Cancel test mode. (See, 2. How to exit from the test mode.)

Note : All clear cannot be performed on the security code for this model.

3. Simple way to clear the security code (K type only)

- 1) During code request mode, press the [Track up] key for at least 3 seconds while holding down the [AUTO] key. (---- will disappear)
- 2) Enter, "KCAR" with the remote controller as described below. (Same as on 01 model.)
 - Press the remote controller [5] key twice, and press the [Track up] key. (Enters a "K")
 - Press the remote controller [2] key three times, and press the [Track up] key. (Enters a "C")
 - Press the remote controller [2] key once and press the [Track up] key. (Enters an "A")
 - Press the remote controller [7] key twice, and press the [Track up] key. (Enters an "R")

- 3) Security function is canceled and unit sets to All-Off mode.
- 4) Code request mode appears if a mistake was made in entering the numbers.

4. Method of writing the Mask key while the EEPROM is in the initial status

- 1) Enter the test mode. (See 1. How to enter the test mode)
- 2) Press the [4/8] key to enter the Mask key registration mode. "TRANSMIT1" should be displayed now. The display at this time should show "< >" in place of "[]".
- 3) Point the Mask key remote toward the light sensor, and press and hold its key for more than 0.5 second.
- 4) When "TRANSMIT2" is displayed, press and hold the key on the Mask key remote for more than 0.5 second again. The first and second counter codes are not compared at this time.
- 5) When "APPROVED" is displayed, the write operation is complete. Now the demonstration mode is initiated and the test mode is terminated.

Note : In the same way as previous models, if 30 minutes have elapsed with no code written, an error occurs and the power is turned OFF.

5. Method of initializing the Mask key

(How to reset the unit from the Mask key approved condition to the factory condition)

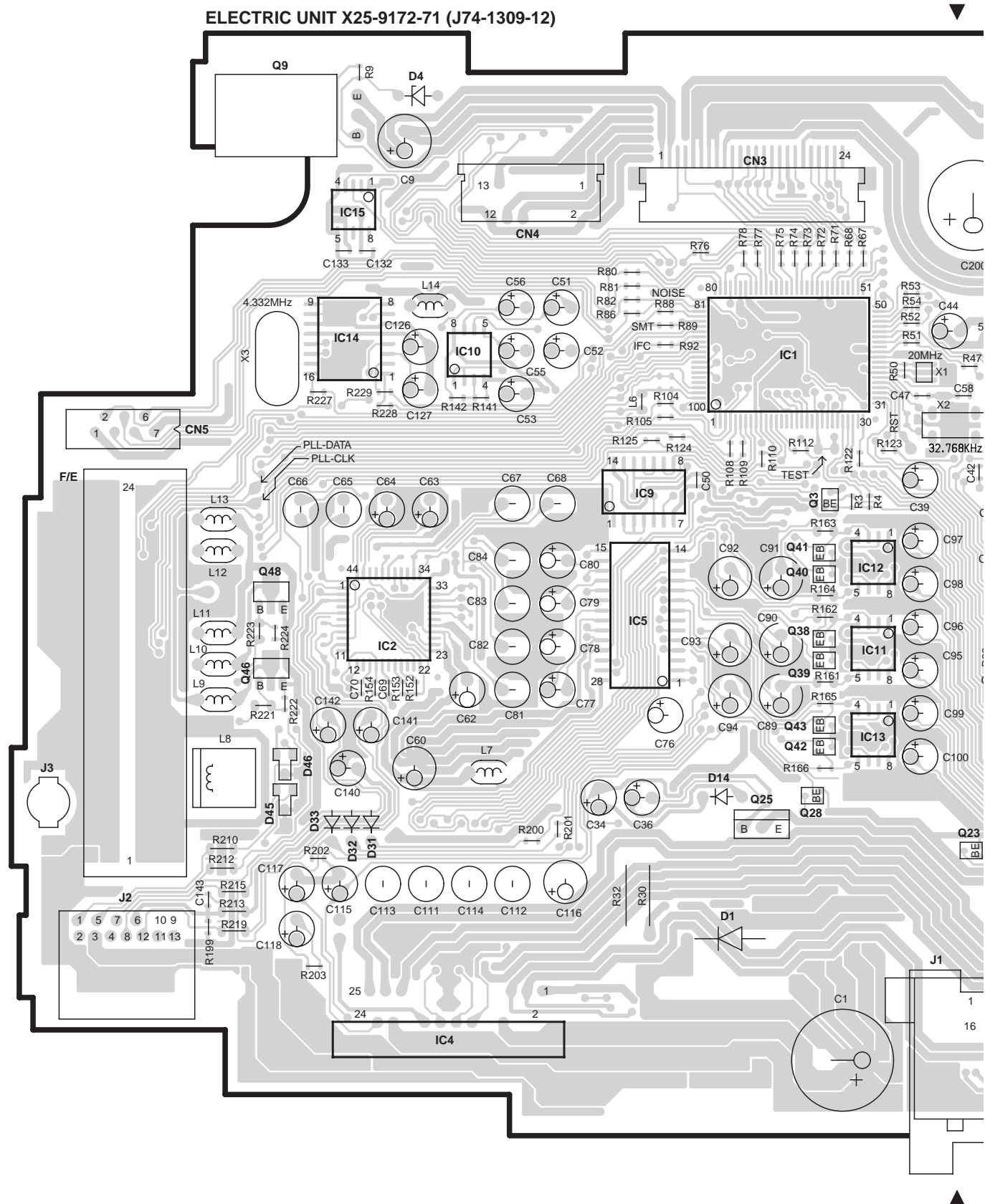
- 1) Enter the test mode. (See 1. How to enter the test mode)
- 2) "TRANSMIT1" is displayed and the Mask key entry request mode is initiated. The display at this time should show "**" in place of "[]".
- 3) Press and hold the key on the Master key remote for more than 3 seconds.
- 4) When "TRANSMIT2" is displayed, press and hold the key on the Master key remote for more than 3 seconds again.
- 5) When "APPROVED" is displayed, the Mask key is cleared, the demonstration mode is initiated, the test mode is terminated and the unit returns to the factory condition.

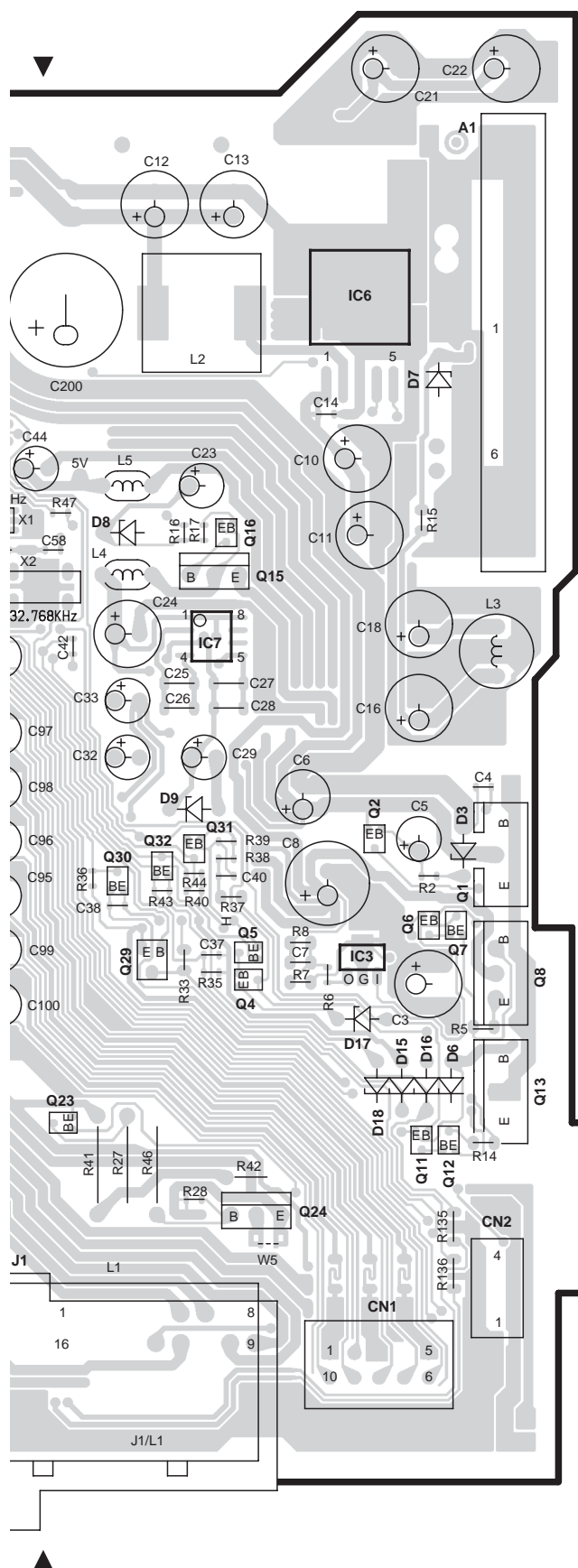
6. Method of clearing all Mask key-related data

- 1) Enter the test mode. (See 1. How to enter the test mode)
- 2) Press the [4/8] key to enter the Mask key registration mode. "TRANSMIT1" should be displayed now.
- 3) Point the Master key remote toward the light sensor, and press and hold its key for more than 3 seconds (until the level display shows the full condition).
- 4) When "TRANSMIT2" is displayed, hold the key on the Mask key remote for more than 3 seconds again. If "TRANSMIT1" is displayed in place of "TRANSMIT2", restart the procedure from step 3).
- 5) When "APPROVED" is displayed, all security data is cleared and the unit returns to the condition before Mask key writing with the EEPROM in the initial status.

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PC BOARD (COMPONENT SIDE VIEW)



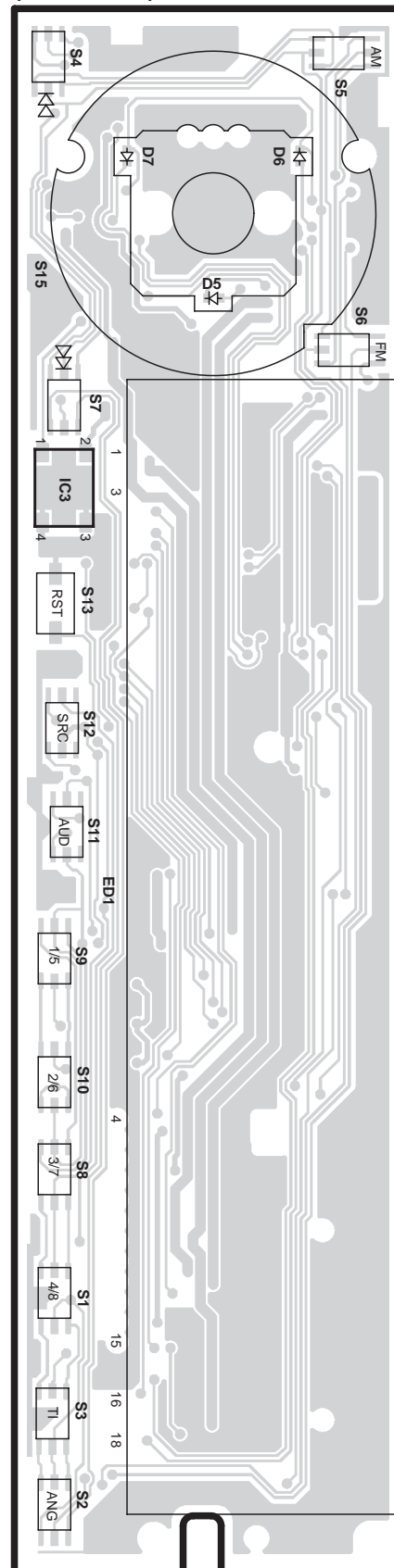


X25-9172-71

Ref. No.	Address
IC1	3E
IC2	4C
IC3	5G
IC4	6C
IC5	4D
IC6	2G
IC7	4F
IC9	4D
IC10	3C
IC11	4E
IC12	4E
IC13	5E
IC14	3B
IC15	2C
Q1	4G
Q2	4G
Q3	4E
Q4	5F
Q5	5F
Q6	5G
Q7	5G
Q8	5G
Q9	2B
Q11	6G
Q12	6G
Q13	5G
Q15	3F
Q16	3F
Q25	5D
Q28	5E
Q29	5F
Q30	4F
Q31	4F
Q32	4F
Q38	4E
Q39	5E
Q40	4E
Q41	4E
Q42	5E
Q43	5E
Q46	5B
Q48	4B

X16-1602-71

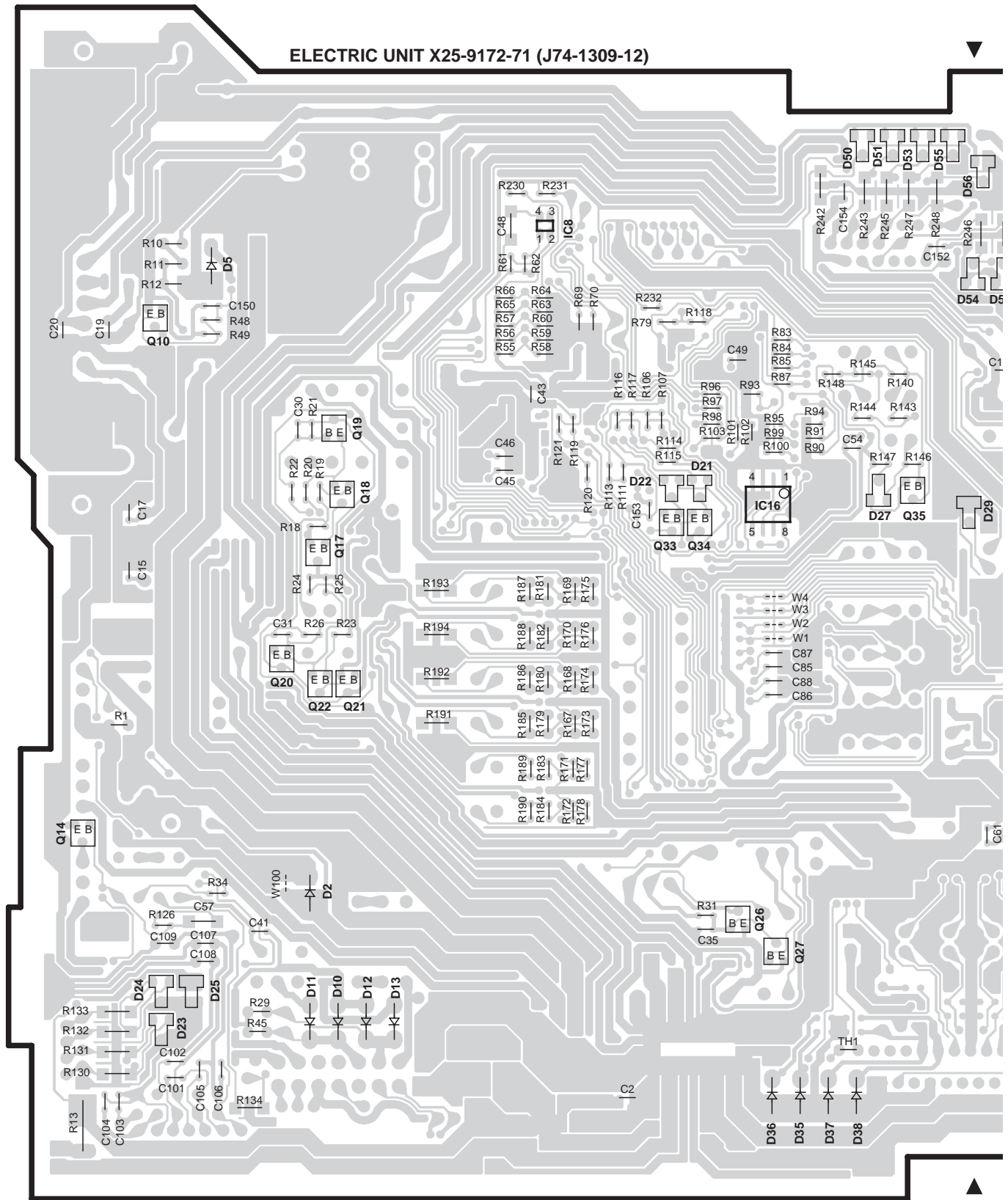
Ref. No.	Address
IC3	3I

SWITCH UNIT X16-1602-71
(J74-1311-12)

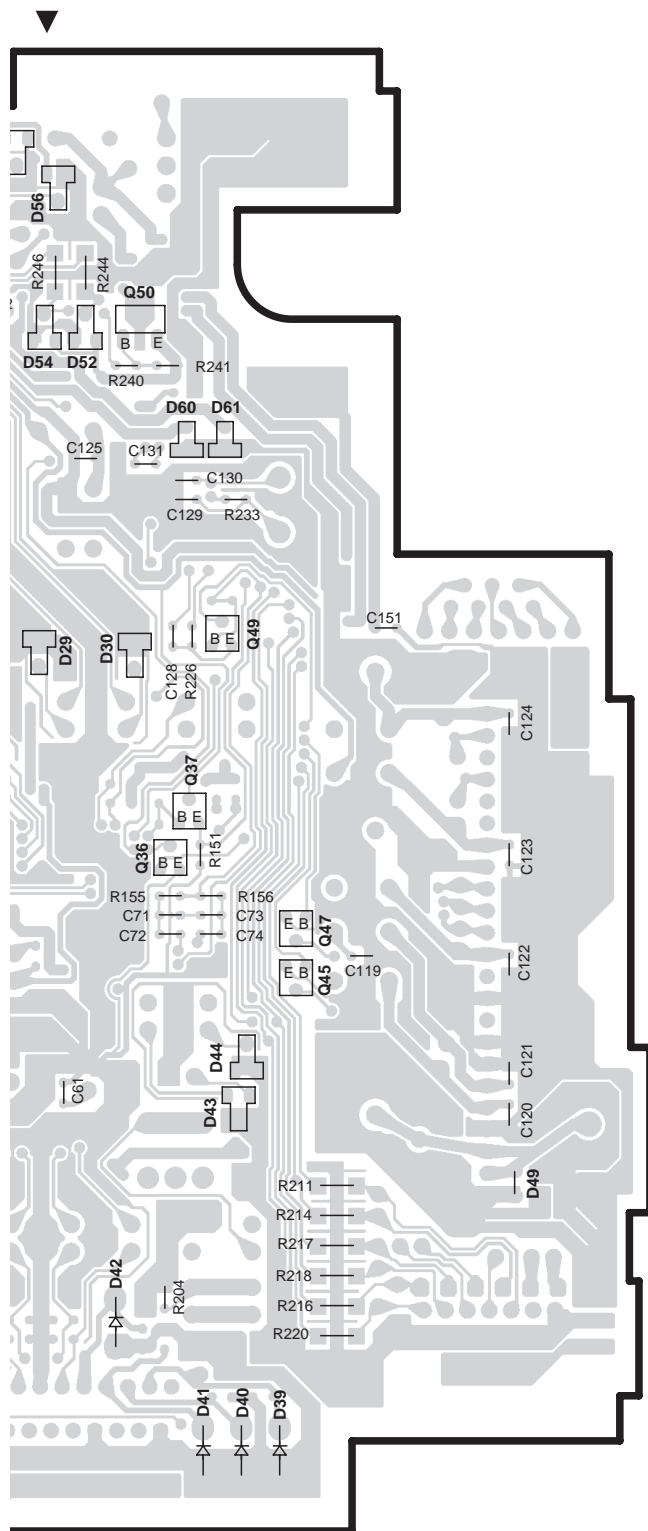
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PC BOARD (FOIL SIDE VIEW)

ELECTRIC UNIT X25-9172-71 (J74-1309-12)

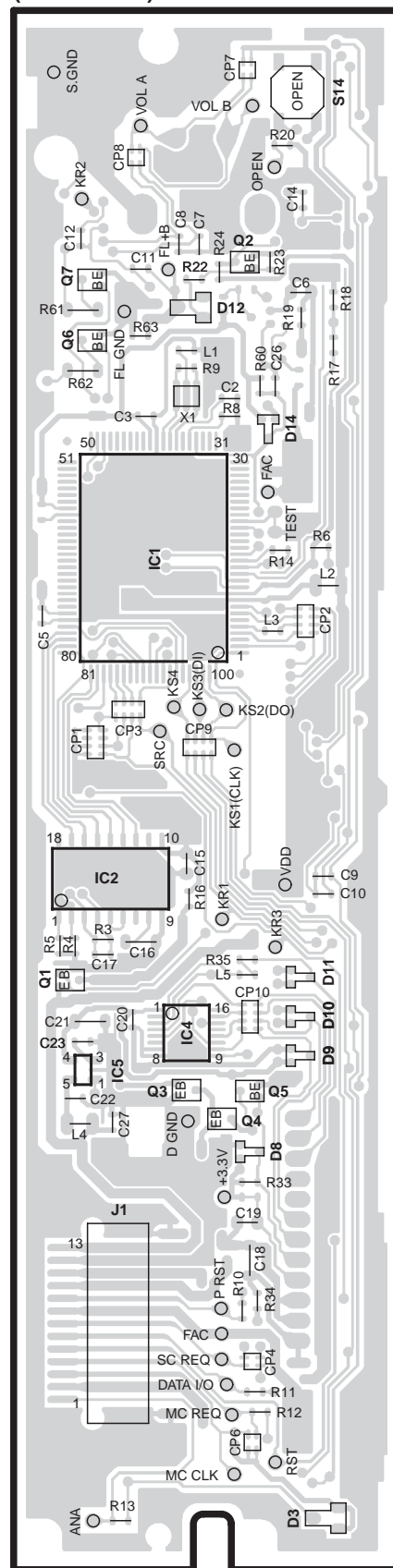


Refer to the schematic diagram for the values of resistors and capacitors.



X25-9172-71

Ref. No.	Address
IC8	2M
Q10	3L
Q14	5K
Q17	4L
Q18	3M
Q19	3M
Q20	4L
Q21	4L
Q22	4L
Q26	5N
Q27	6O
Q33	4N
Q34	4N
Q35	4O
Q36	4P
Q37	4P
Q45	5Q
Q47	4Q
Q49	4P
Q50	2P

SWITCH UNIT X16-1602-71
(J74-1311-12)

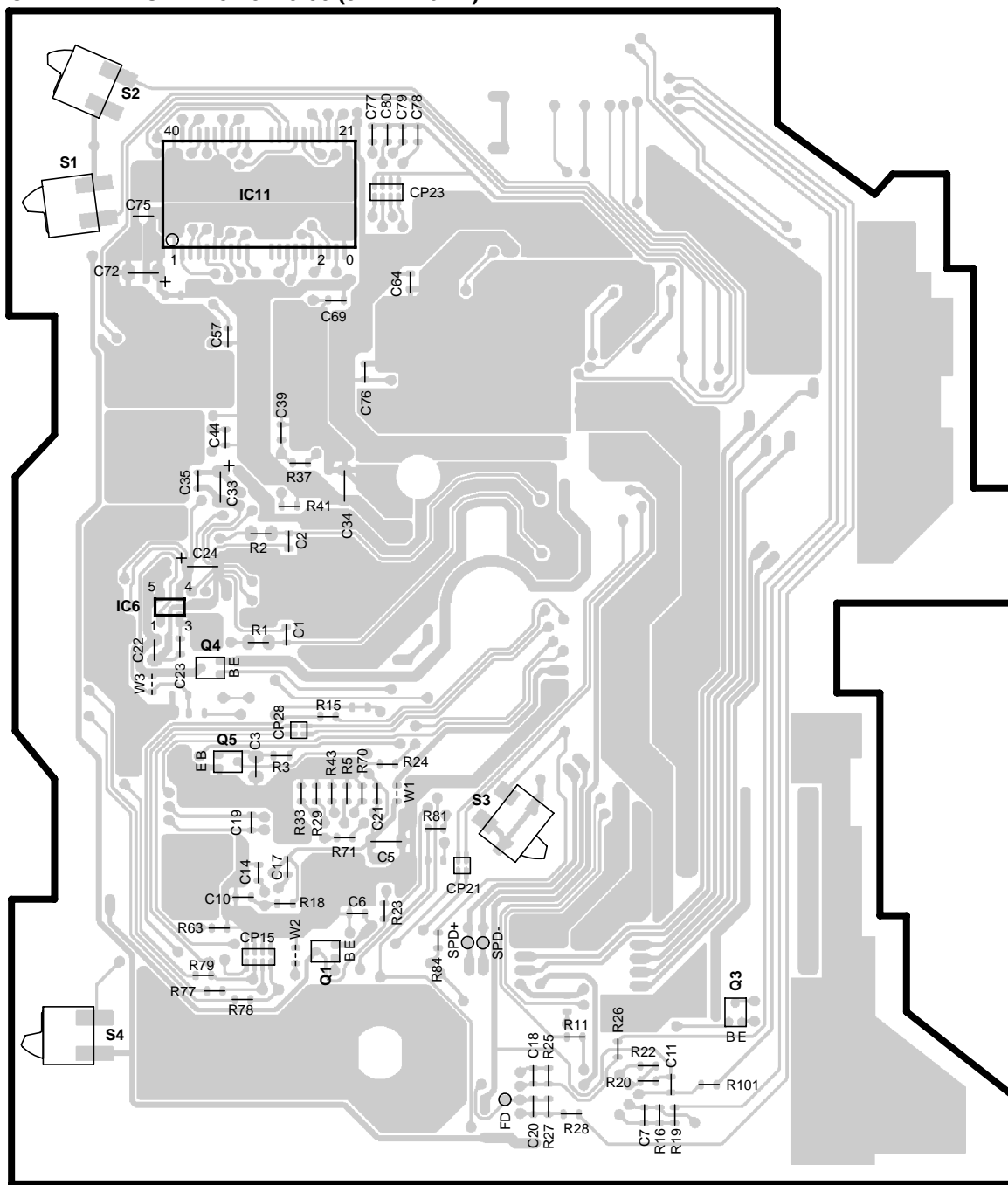
X16-1602-71

Ref. No.	Address
IC1	3S
IC2	5S
IC4	5S
IC5	5S
Q1	5S
Q2	2T
Q3	5S
Q4	5T
Q5	5T
Q6	3S
Q7	2S

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PC BOARD (COMPONENT SIDE VIEW)

CD PLAYER UNIT X32-5210-00 (J74-1246-12)



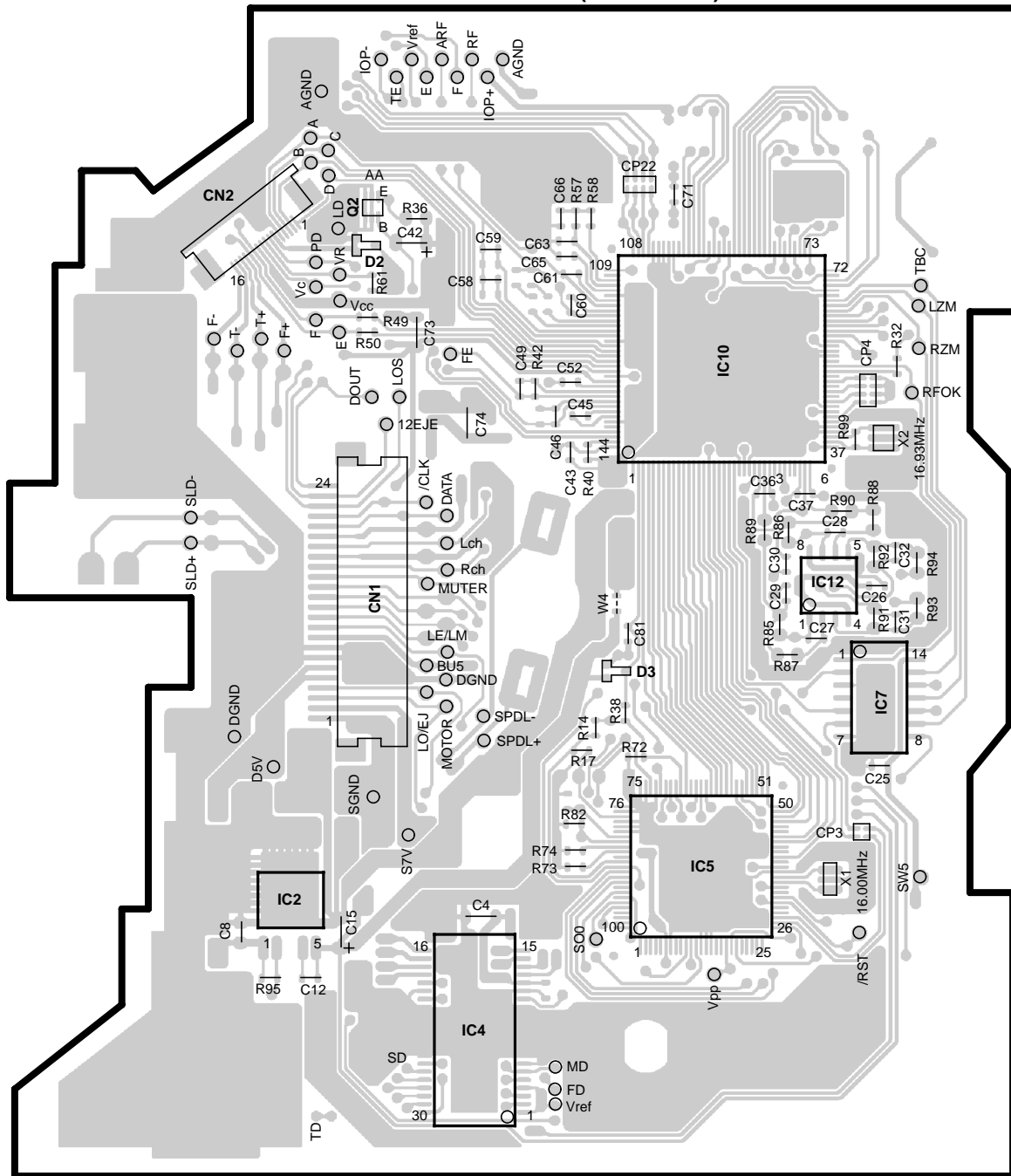
X32-5210-00

Ref. No.	Address
IC6	4V
IC11	2V
Q1	5V
Q3	5X
Q4	4V
Q5	4V

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

CD PLAYER UNIT X32-5210-00 (J74-1246-12)

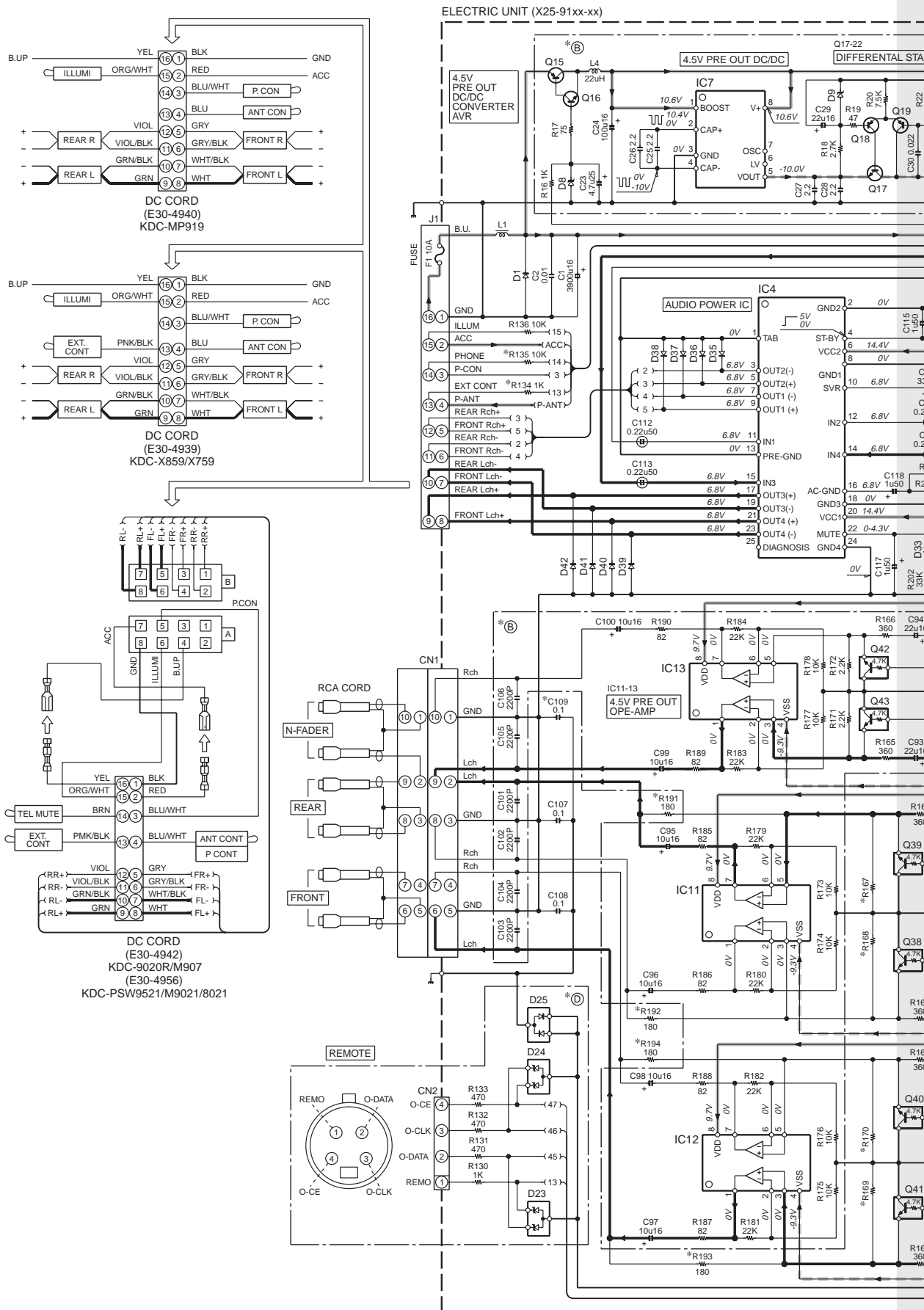


X32-5210-00

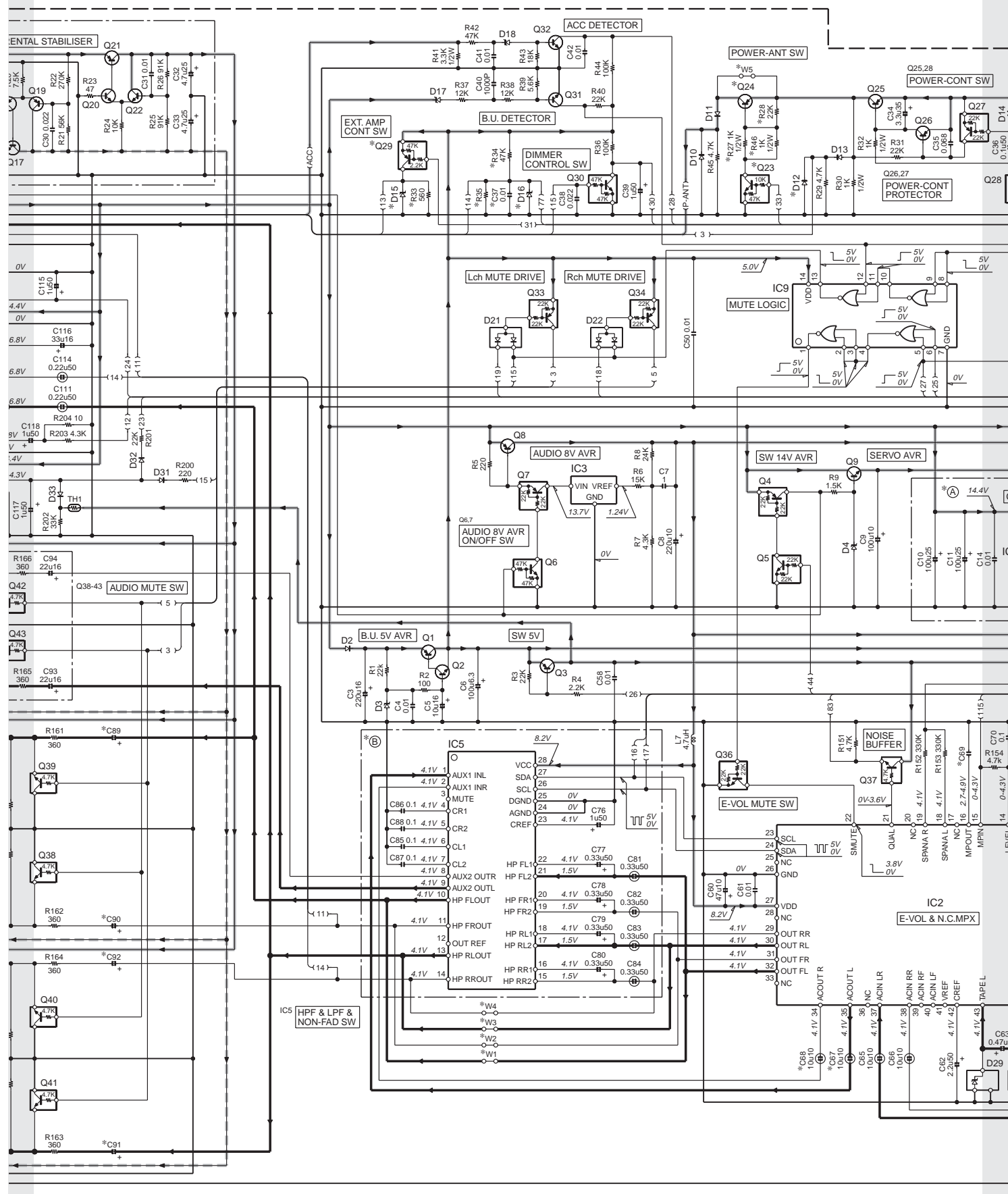
Ref. No.	Address
IC2	5AA
IC4	5AB
IC5	5AC
IC7	4AC
IC10	3AC
IC12	4AC
Q2	2AA

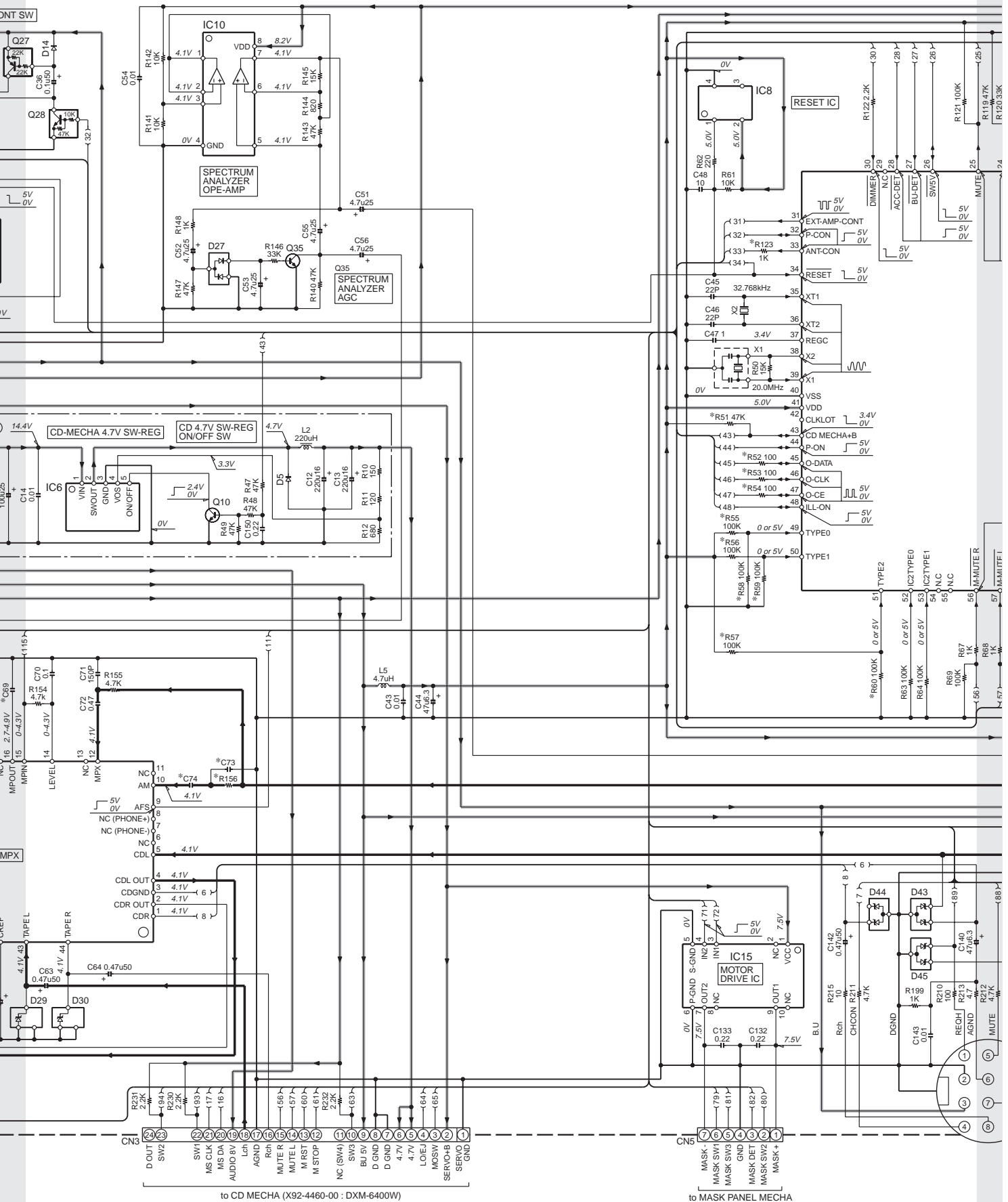
Refer to the schematic diagram for the values of resistors and capacitors.

KDC-M907

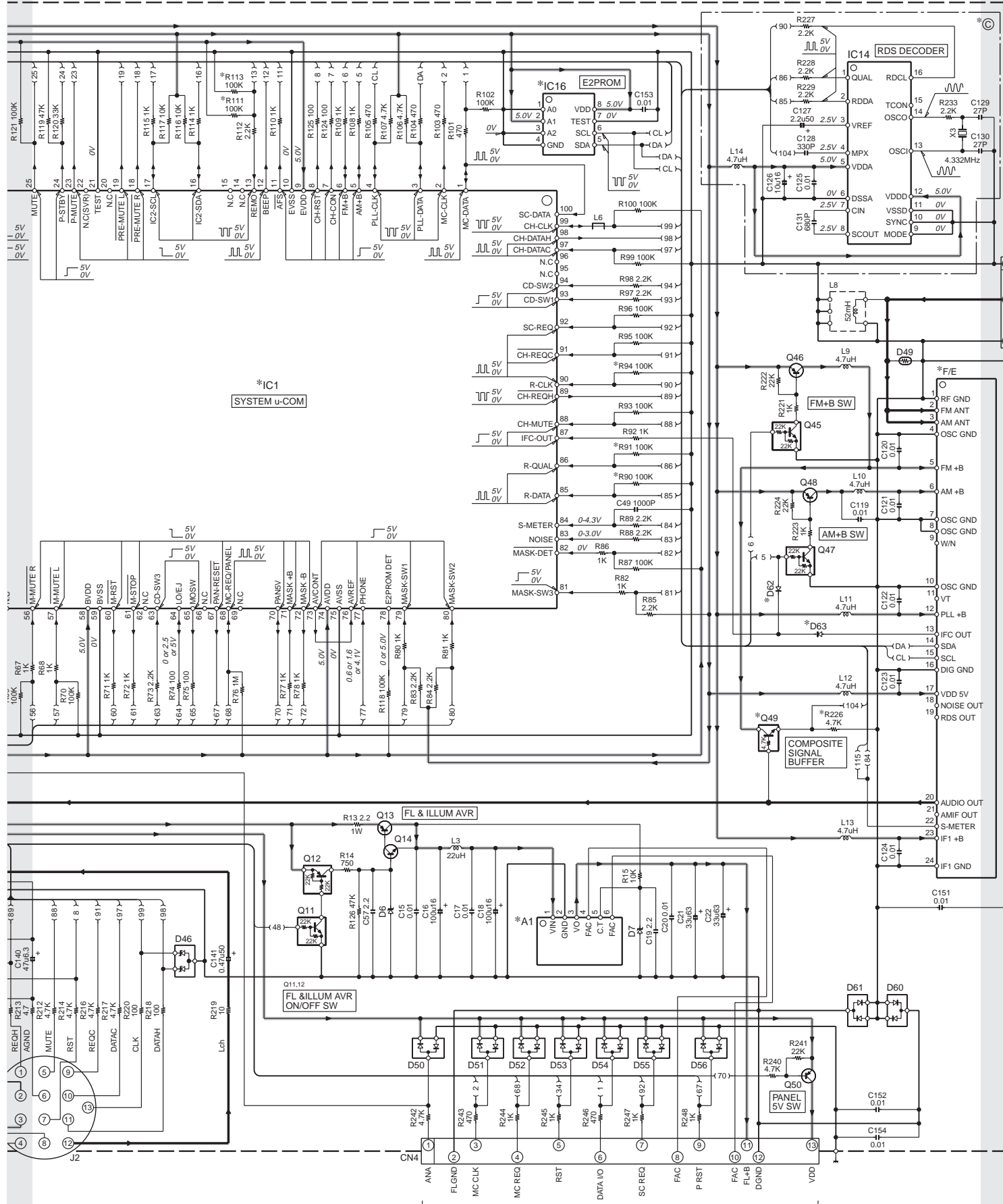


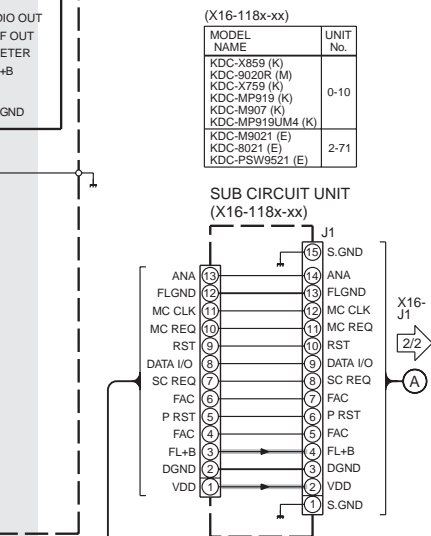
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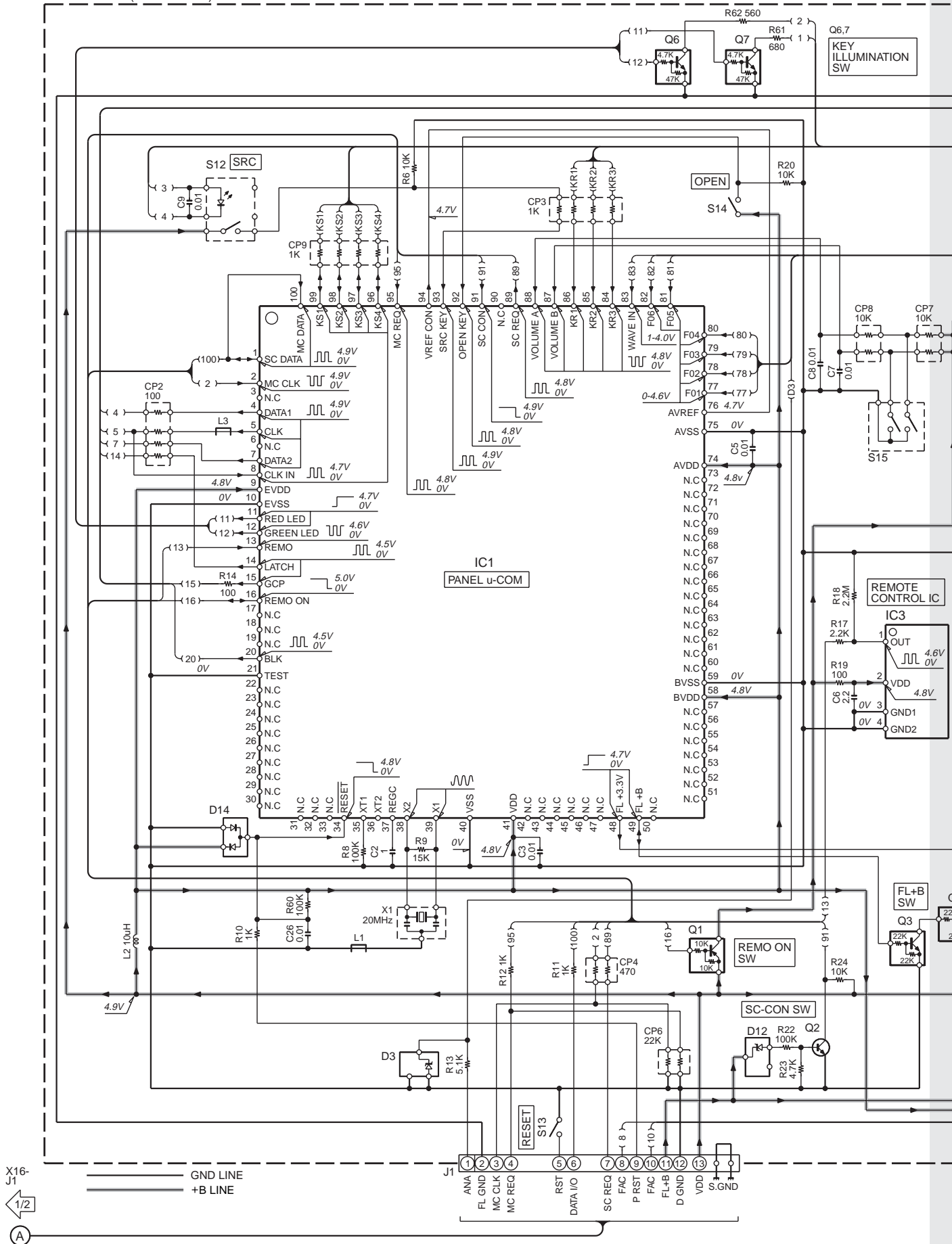


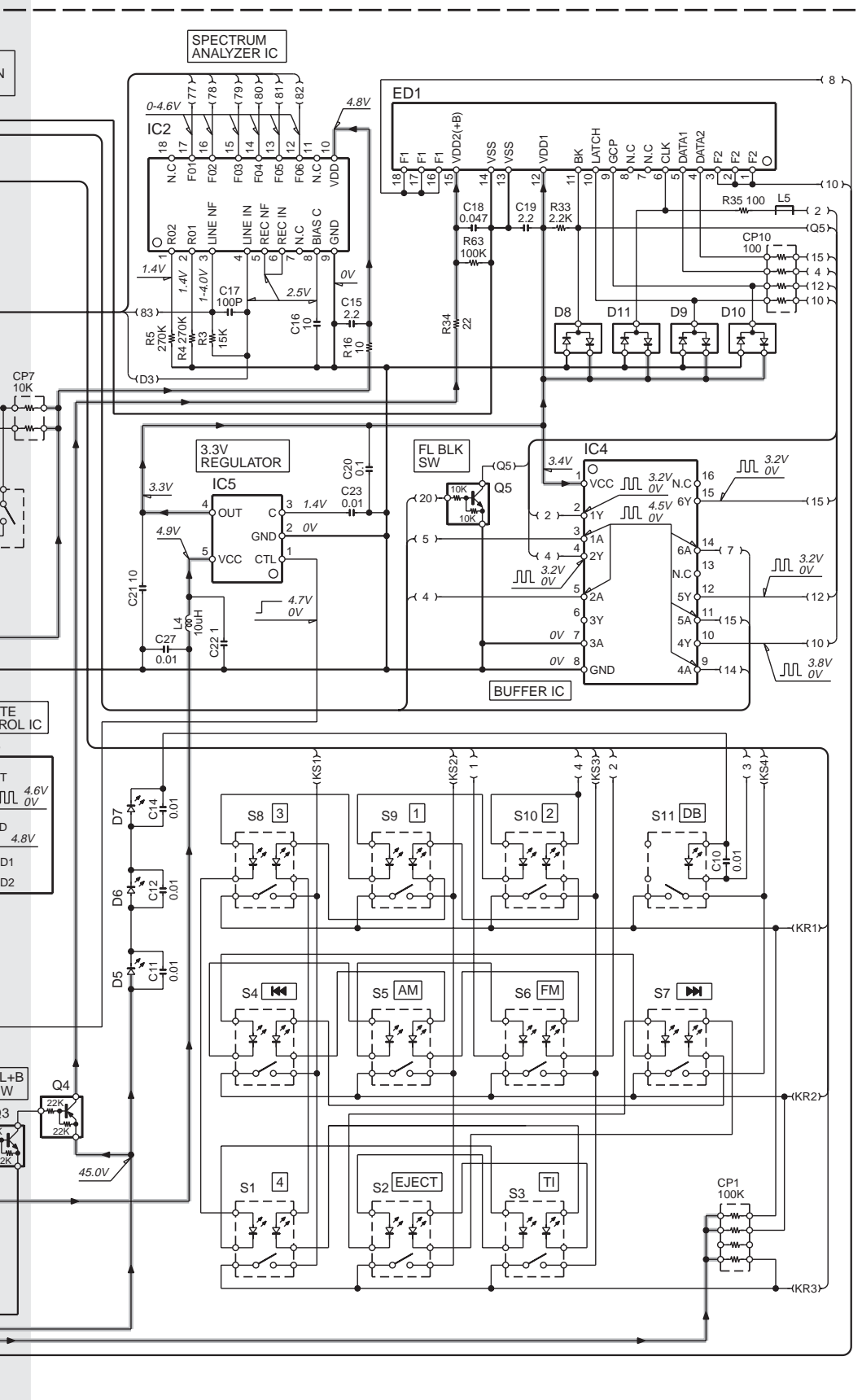
K25-01xx-xy	UNIT No.	(A)	(B)	(C)	(D)	A1	C67, 681,69	C69	C73	C74	Q89- 32	D12	D15	D16	D62, 63	F/E	IC1 (UPD70303GFXXX)	IC6	Q23, 24	Q29	Q49	R27,28, 46,12,3	R33	R34	R51	R22-54, T11	R55	R56	R57	R58	R59	R60	R90, 91,94	R13	R134	R135	R156	R167, 170, 194	W1- 4	R226
	70-10	YES	YES	NO	W02-3341	YES	0.1	0.01	0.033	22n50	YES	YES	NO	NO	X86-3240-11	A03	BR24Q02F-W	YES	YES	YES	YES	YES	YES	NO	10K	YES	NO	YES	NO	YES	NO	YES	NO	YES	YES	NO	10K	2.2K	NO	NO
	70-11	YES	YES	NO	W02-3340	YES	0.1	0.01	0.033	22n50	YES	YES	NO	NO	X86-3240-11	A03	BR24Q02F-W	YES	YES	YES	YES	YES	YES	NO	10K	YES	NO	YES	NO	YES	NO	YES	NO	YES	YES	NO	10K	2.2K	NO	NO
	70-12	YES	YES	NO	W02-3340	YES	0.1	0.01	0.033	22n50	YES	YES	NO	NO	X86-3240-11	A03	BR24Q02F-W	YES	YES	YES	YES	YES	YES	NO	10K	YES	NO	YES	NO	YES	NO	YES	NO	YES	YES	NO	10K	2.2K	NO	NO
	70-13	YES	YES	NO	W02-3340	YES	0.1	0.01	0.033	22n50	YES	YES	NO	NO	X86-3240-11	A03	BR24Q02F-W	YES	YES	YES	YES	YES	YES	NO	10K	YES	NO	YES	NO	YES	NO	YES	NO	YES	YES	NO	10K	2.2K	NO	NO
	70-21	YES	YES	YES	W02-3340	YES	0.1	0.01	0.033	22n50	YES	YES	YES	YES	X86-3242-71	A03	BR24Q02F-W	NO	YES	YES	YES	YES	YES	YES	22K	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	10K	2.2K	NO	YES
	72-71	YES	YES	YES	W02-3341	YES	0.1	0.01	0.033	22n50	YES	YES	YES	YES	X86-3242-71	A21	BR24Q02F-W	NO	YES	YES	YES	YES	YES	YES	22K	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	10K	2.2K	NO	YES
	82-70	YES	YES	YES	W02-3340	YES	0.1	0.01	0.033	22n50	YES	YES	YES	YES	X86-3242-71	A03	BR24Q02F-W	NO	YES	YES	YES	YES	YES	YES	22K	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	10K	2.2K	NO	YES
	82-71	YES	YES	YES	W02-3341	YES	0.1	0.01	0.033	22n50	YES	YES	YES	YES	X86-3242-71	A03	BR24Q02F-W	NO	YES	YES	YES	YES	YES	YES	22K	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	10K	2.2K	NO	YES
	82-72	NO	YES	YES	W02-3341	YES	0.1	0.01	0.033	10u50	YES	YES	YES	YES	X86-3242-71	A04	BR24Q02F-W	NO	YES	YES	YES	YES	YES	YES	22K	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	10K	2.2K	YES	YES

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

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SWITCH UNIT (X16-1602-71)





CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

△ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

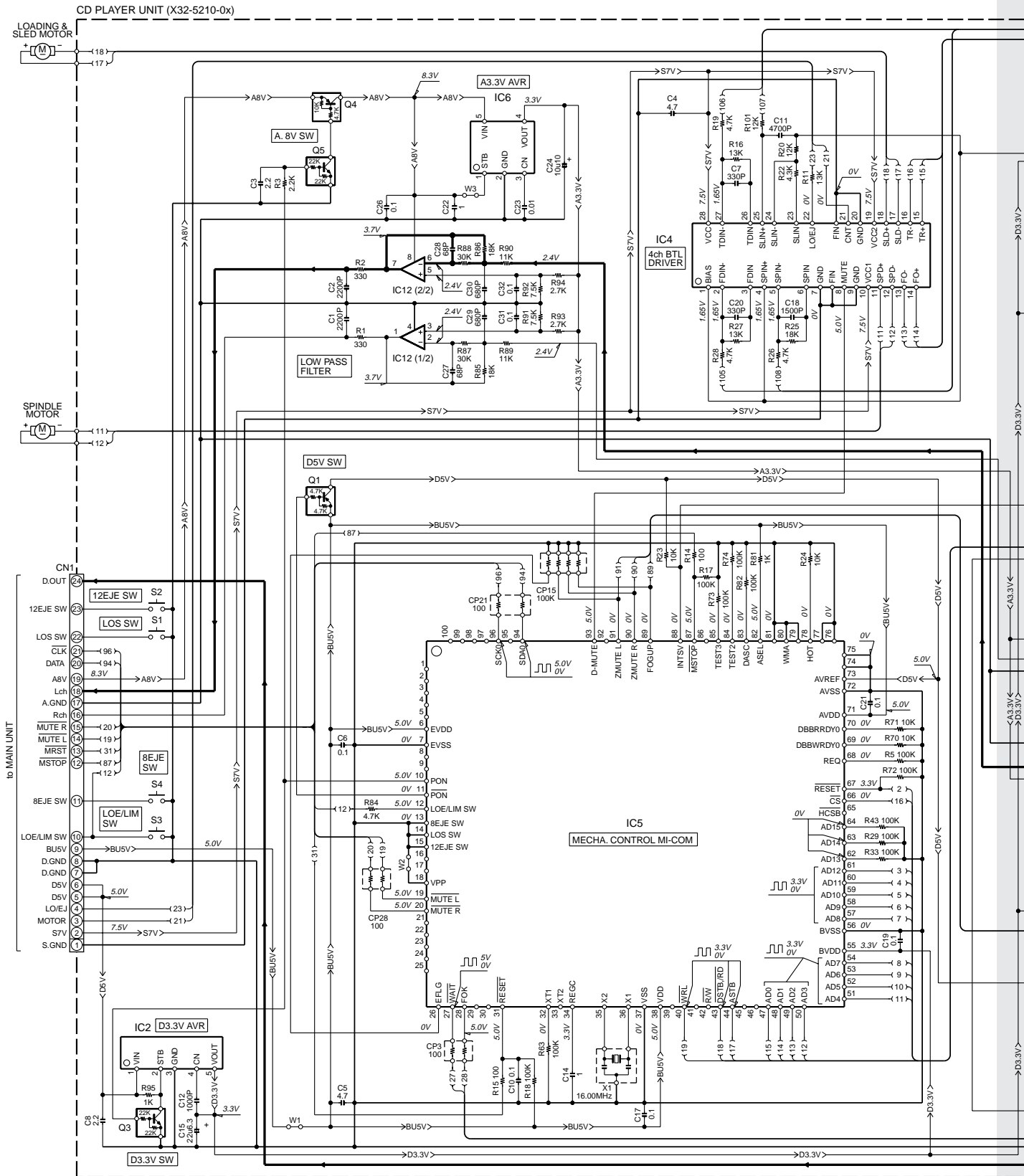
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

IC1 : UPD703032GFA06
IC2 : BA3830F
IC3 : RS-171
IC4 : TC74HC4050AFT
IC5 : TAR5S33

Q1 : DTA114EUA
Q2 : 2SC4081
Q3 : DTC124EUA
Q4 : DTA124EUA
Q5 : DTC114EUA
Q6,7 : DTC143ZUA

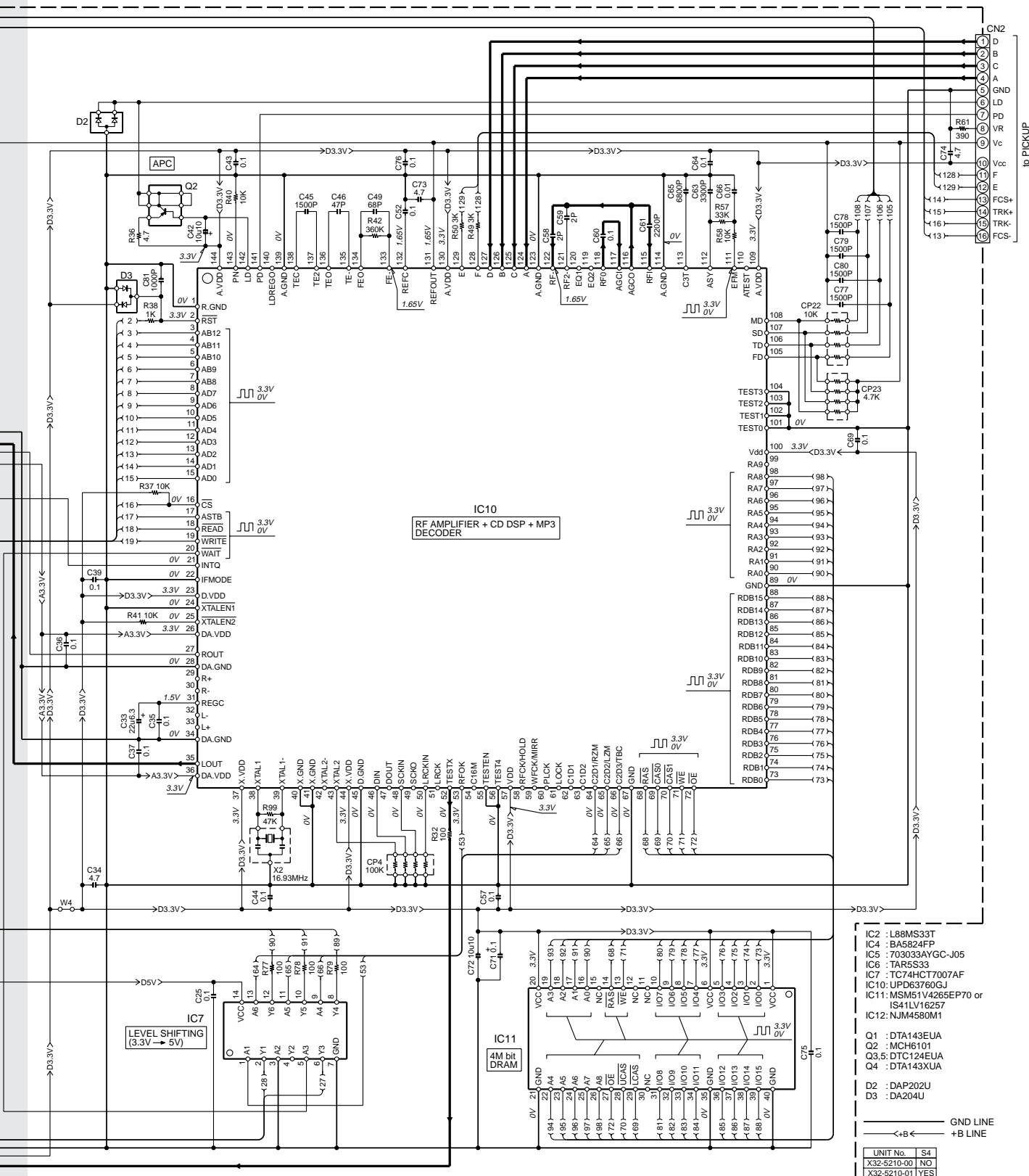
D3 : MA3056-M
D5-7 : B30-1564-05
D8-11,14 : DA204U
D12 : MA3240-M

KDC-M907 (2/2)



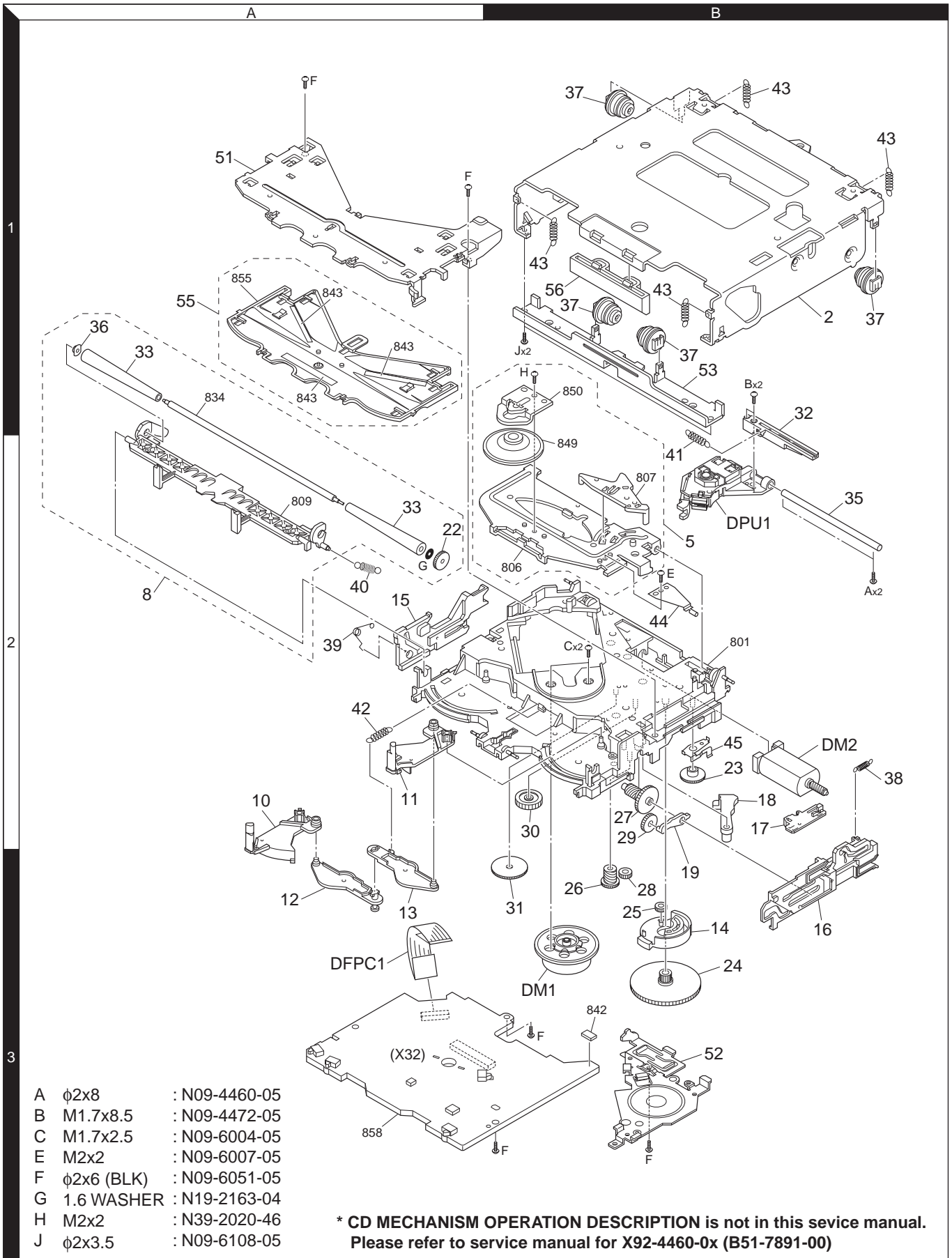
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

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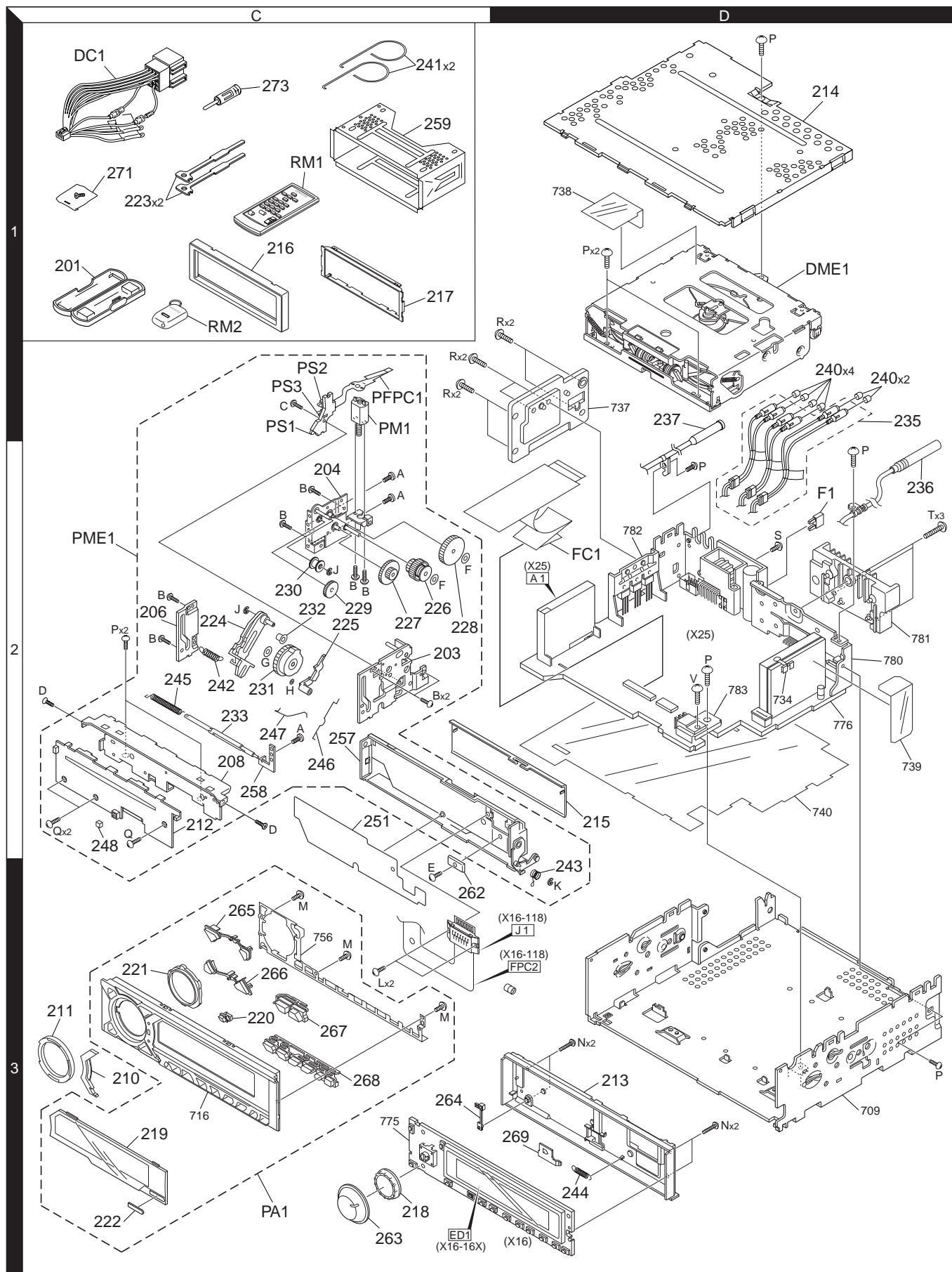


- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

EXPLODED VIEW (MECHANISM)



EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
KDC-M907					
201	1C		A02-1497-13	PLASTIC CABINET ASSY	
203	2C		A10-4807-23	CHASSIS CALKING ASSY	
204	2C		A10-4810-23	CHASSIS CALKING ASSY	
206	2C		A10-4893-04	CHASSIS CALKING ASSY	
208	2C		A10-4924-02	CHASSIS	
210	3C	*	A21-4373-03	DRESSING PANEL	
211	3C	*	A21-4374-03	DRESSING PANEL	
212	2C		A22-2865-03	SUB PANEL ASSY	
213	3D		A46-1752-11	REAR COVER	
214	1D		A52-0805-02	TOP PLATE	
PA1	3C	*	A64-3381-02	PANEL ASSY	
PME1	2C		A10-4921-12	CHASSIS ASSY	
RM1	1C		A70-2026-05	REMOTE CONTROLLER ASSY (RC-420)	
RM2	1C		A70-0886-15	REMOTE CONTROLLER ASSY (MASK)	
-			B46-0100-50	WARRANTY CARD	
-			B46-0632-04	ID CARD	
-			B58-1309-04	CAUTION CARD	
-			B58-1411-04	CAUTION CARD	
-		*	B64-2834-00	INST. MANUAL (ENGLISH)	
-		*	B64-2835-00	INST. MANUAL (FRE, GER)	
-		*	B64-2836-00	INST. MANUAL (DUT, ITA)	
-		*	B64-2837-00	INST. MANUAL (SPA, POR)	
215	2D		B03-3073-22	DRESSING PLATE	
216	1C		B07-3007-03	ESCUTCHEON ASSY	
217	1C		B07-3009-02	ESCUTCHEON	
218	3C	*	B09-0536-03	CAP (VOL.)	
219	3C	*	B10-4575-01	FRONT GLASS	
220	3C		B10-4152-04	FRONT GLASS	
221	3C		B19-2133-03	LIGHTING BOARD	
222	3C		B43-1518-04	BADGE	
223	1C		D10-4562-04	LEVER	
224	2C		D10-4563-04	ARM ASSY	
225	2C		D10-4590-04	ARM	
226	2C		D13-2135-04	GEAR ASSY	
227	2C		D13-2138-04	GEAR	
228	2C		D13-2139-04	GEAR	
229	2C		D13-2140-04	GEAR	
230	2C		D13-2141-24	GEAR ASSY	
231	2C		D13-2165-13	GEAR ASSY	
232	2C		D14-0754-04	ROLLER	
233	2C		D14-0760-03	ROLLER	
235	1D		E30-6056-05	CORD WITH PLUG (ANT)	
236	1D		E30-6058-05	CORD WITH PINPLUG	
237	2D	*	E30-6203-05	CORD WITH DIN CONNECTOR	
△ DC1	1C		E30-4942-05	DC CORD (ISO)	
FC1	2D		E39-0437-05	FLAT CABLE	
240	2D		F29-0626-04	INSULATING COVER	
△ F1	2D		F52-0006-05	FUSE (MINI BLADE TYPE 10A)	
241	1C		G01-2924-04	TORSION COIL SPRING	
242	2C		G01-3065-04	EXTENSION SPRING	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
243	2D		G01-3066-14	TORSION COIL SPRING	
244	3D		G01-3069-04	EXTENSION SPRING	
245	2C		G01-3080-04	TORSION COIL SPRING	
246	2C		G09-2038-04	FORMED WIRE	
247	2C		G09-2042-04	FORMED WIRE	
248	2C		G11-1927-04	CUSHION	
251	2C		G16-1177-04	SHEET	
-			H10-4706-02	POLYSTYRENE FOAMED FIXTURE	
-			H11-1532-14	POLYSTYRENE FOAMED BOARD	
-			H21-1142-04	PROTECTION SHEET	
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-			H25-1108-04	PROTECTION BAG (100X300X0.03)	
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	
-		*	H54-3173-03	ITEM CARTON CASE	
257	2C		J21-9651-13	MOUNTING HARDWARE ASSY	
258	2C		J21-9699-04	MOUNTING HARDWARE	
259	1C		J21-9716-03	MOUNTING HARDWARE ASSY	
262	3D		J90-0999-04	GUIDE	
PFFC1	1C		J84-0122-04	FLEXIBLE PRINTED WIRING BOARD	
263	3C		K23-1062-03	KNOB (VOL.)	
264	3C		K24-3646-04	KNOB (RESET)	
265	3C		K25-1400-03	KNOB (FM/AM)	
266	3C		K25-1401-03	KNOB (UP/DOWN)	
267	3C		K25-1402-03	KNOB (SRC)	
268	3C		K25-1403-03	KNOB (PRESET)	
269	3D		K29-7017-03	KNOB (LOCK)	
271	1C		N99-1704-05	SCREW SET	
A	2C		N09-4400-05	MACHINE SCREW	
B	2C		N09-4401-05	MACHINE SCREW	
C	1C		N09-4427-05	TAPTITE SCREW	
D	2C		N09-4448-05	MACHINE SCREW	
E	3C		N09-4449-05	MACHINE SCREW	
F	2C		N19-2154-04	FLAT WASHER	
G	2C		N19-2155-04	FLAT WASHER	
H	2C		N19-2156-04	FLAT WASHER	
J	2C		N29-0522-05	RETAINING RING	
K	3D		N29-0523-05	RETAINING RING	
L	3C		N38-2025-46	PAN HEAD MACHINE SCREW	
M	3C		N80-2005-46	PAN HEAD TAPTITE SCREW	
N	2C		N09-4473-05	MACHINE SCREW	
P	1D		N83-3005-46	PAN HEAD TAPTITE SCREW	
Q	2C		N83-3008-46	PAN HEAD TAPTITE SCREW	
R	1C		N86-2004-45	BINDING HEAD TAPTITE SCREW	
PS1-3	1C		S68-0856-05	PUSH SWITCH	
273	1C		T90-0523-05	ANTENNA ADAPTOR	
273	1C		T90-0534-05	ANTENNA ADAPTOR	
PM1	1C		T42-1034-14	MOTOR ASSY	
DME1	1D		X92-4460-00	MECHANISM ASSY (DXM-6400W)	
SUB CIRCUIT UNIT (X16-1180-10)					
J1	3D		E58-0903-05	RECTANGULAR RECEPTACLE	

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SUB CIRCUIT UNIT (X16-1180-10)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
FPC2	3D		J84-0121-12	FLEXIBLE PRINTED WIRING BOARD	
SWITCH UNIT (X16-1602-71)					
D5-7			B30-1564-05	LED (1608, BLUE)	
C2			CK73GB0J105K	CHIP C 1.0UF K	
C3			CK73GB1H103K	CHIP C 0.010UF K	
C5			CK73GB1H103K	CHIP C 0.010UF K	
C6			CK73FB1A225K	CHIP C 2.2UF K	
C7-12			CK73GB1H103K	CHIP C 0.010UF K	
C14			CK73GB1H103K	CHIP C 0.010UF K	
C15			CK73FB1A225K	CHIP C 2.2UF K	
C16			CK73EB0J106K	CHIP C 10UF K	
C17			CC73GCH1H101J	CHIP C 100PF J	
C18			C93-1217-05	CHIP C 0.047UF K	
C19			CK73FB1A225K	CHIP C 2.2UF K	
C20			CK73GB1C104K	CHIP C 0.10UF K	
C20			CK73GB1H104K	CHIP C 0.10UF K	
C21			CK73EB0J106K	CHIP C 10UF K	
C22			CK73GB0J105K	CHIP C 1.0UF K	
C23			CK73GB1H103K	CHIP C 0.010UF K	
C26,27			CK73GB1H103K	CHIP C 0.010UF K	
J1			E59-0835-05	RECTANGULAR PLUG	
L1			L92-0332-05	CHIP FERRITE	
L2	*		L41-1005-33	SMALL FIXED INDUCTOR	
L3			L92-0332-05	CHIP FERRITE	
L4	*		L41-1005-33	SMALL FIXED INDUCTOR	
L5			L92-0332-05	CHIP FERRITE	
X1			L78-0821-05	RESONATOR	
CP1			R90-0720-05	MULTI-COMP 100K X4	
CP2			R90-1014-05	MULTI-COMP 100 X4	
CP3			R90-0724-05	MULTI-COMP 1K X4	
CP4			R90-1022-05	MULTI-COMP 470 X2	
CP6			R90-1020-05	MULTI-COMP 22K X2	
CP7,8			R90-0726-05	MULTI-COMP 10K X2	
CP9			R90-0724-05	MULTI-COMP 1K X4	
CP10			R90-1014-05	MULTI-COMP 100 X4	
R3			RK73GB2A153J	CHIP R 15K J 1/10W	
R4,5			RK73GB2A274J	CHIP R 270K J 1/10W	
R6			RK73GB2A103J	CHIP R 10K J 1/10W	
R8			RK73GB2A104J	CHIP R 100K J 1/10W	
R9			RK73GB2A153J	CHIP R 15K J 1/10W	
R10-12			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R13			RK73GB2A512J	CHIP R 5.1K J 1/10W	
R14			RK73GB2A101J	CHIP R 100 J 1/10W	
R16			RK73GB2A100J	CHIP R 10 J 1/10W	
R17			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R18			RK73GB2A225J	CHIP R 2.2M J 1/10W	
R19			RK73GB2A101J	CHIP R 100 J 1/10W	
R20			RK73GB2A103J	CHIP R 10K J 1/10W	
R22			RK73GB2A104J	CHIP R 100K J 1/10W	
R23			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R24			RK73GB2A103J	CHIP R 10K J 1/10W	
R33			RK73GB2A222J	CHIP R 2.2K J 1/10W	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
R34			RK73GB2A220J	CHIP R 22 J 1/10W	
R35			RK73GB2A101J	CHIP R 100 J 1/10W	
R60			RK73GB2A104J	CHIP R 100K J 1/10W	
R61			RK73EB2E681J	CHIP R 680 J 1/4W	
R62			RK73EB2E561J	CHIP R 560 J 1/4W	
R63			RK73GB2A104J	CHIP R 100K J 1/10W	
S1-10			S70-0856-05	TACT SWITCH	
S11,12			S70-0857-05	TACT SWITCH	
S13			S70-0851-05	TACT SWITCH	
S14			S70-0864-05	TACT SWITCH	
S15			T99-0431-05	ROTARY ENCODER	
D3			HZM5.6N(B2)	ZENER DIODE	
D3			MA3056-M	ZENER DIODE	
D3			02CZ5.6-Y	ZENER DIODE	
D8-11			DA204U	DIODE	
D12			MA3240-M	ZENER DIODE	
D14			DA204U	DIODE	
ED1		*	CN2122M	FLUORESCENT INDICATOR TUBE	
IC1			UPD703032GFA06	MICROCONTROLLER IC	
IC2			BA3830F	ANALOGUE IC	
IC3			RS-171	ANALOGUE IC	
IC4			TC74HC4050AFT	MOS-IC	
IC5			TAR5S33	ANALOGUE IC	
Q1			DTA114EUA	DIGITAL TRANSISTOR	
Q1			KRA302	DIGITAL TRANSISTOR	
Q2			2SC4081	TRANSISTOR	
Q3			DTC124EUA	DIGITAL TRANSISTOR	
Q3			KRC403	DIGITAL TRANSISTOR	
Q4			DTA124EUA	DIGITAL TRANSISTOR	
Q4			KRA303	DIGITAL TRANSISTOR	
Q5			DTC114EUA	DIGITAL TRANSISTOR	
Q5			KRC402	DIGITAL TRANSISTOR	
Q6,7			DTC143ZUA	DIGITAL TRANSISTOR	
ELECTRIC UNIT (X25-9172-71)					
C1		*	C90-5625-05	ELECTRO 3900UF 16WV	
C2			CK73GB1H103K	CHIP C 0.010UF K	
C3			C90-5619-05	ELECTRO 220UF 16WV	
C4			CK73GB1H103K	CHIP C 0.010UF K	
C5			C94-0039-05	ELECTRO 10UF 16WV	
C6			C94-0033-05	ELECTRO 100UF 6.3WV	
C7			CK73FB1C105K	CHIP C 1.0UF K	
C8			CD04AT1A221M	ELECTRO 220UF 10WV	
C9			CD04AT1A101M	ELECTRO 100UF 10WV	
C10,11			C90-2963-05	ELECTRO 100UF 25WV	
C12,13			C90-5418-05	ELECTRO 220UF 16WV	
C14,15			CK73GB1H103K	CHIP C 0.010UF K	
C16			C90-2962-05	ELECTRO 100UF 16WV	
C17			CK73GB1H103K	CHIP C 0.010UF K	
C18			C90-2962-05	ELECTRO 100UF 16WV	
C19			CK73FB1A225K	CHIP C 2.2UF K	
C20			C93-1218-05	CHIP C 0.010UF K	
C21,22			C90-5375-05	ELECTRO 33UF 63WV	
C23			C94-0044-05	ELECTRO 4.7UF 25WV	

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ELECTRIC UNIT (X25-9172-71)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation	Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
C24			C90-2962-05	ELECTRO 100UF 16WV		C127			C94-0052-05	ELECTRO 2.2UF 50WV	
C25-28			CK73EB1C225K	CHIP C 2.2UF K		C128			CC73GCH1H331J	CHIP C 330PF J	
C29			C94-0040-05	ELECTRO 22UF 16WV		C129,130			CC73GCH1H270J	CHIP C 27PF J	
C30			CK73GB1E223K	CHIP C 0.022UF K		C131			CC73GCH1H681J	CHIP C 680PF J	
C30			CK73GB1H223K	CHIP C 0.022UF K		C132,133			CK73GB1A224K	CHIP C 0.22UF K	
C31			CK73GB1H103K	CHIP C 0.010UF K		C140			C94-0032-05	ELECTRO 47UF 6.3WV	
C32,33			C94-0044-05	ELECTRO 4.7UF 25WV		C141,142			C94-0161-05	ELECTRO 0.47UF 50WV	
C34			C94-0046-05	ELECTRO 3.3UF 35WV		C143			CK73GB1H103K	CHIP C 0.010UF K	
C35			CK73GB1C683K	CHIP C 0.068UF K		C150			CK73GB1A224K	CHIP C 0.22UF K	
C36			C94-0047-05	ELECTRO 0.1UF 50WV		C151-154			CK73GB1H103K	CHIP C 0.010UF K	
C37			CK73GB1H103K	CHIP C 0.010UF K		CN1			E41-0174-05	PIN ASSY	
C38			CK73GB1E223K	CHIP C 0.022UF K		CN2		*	E41-0929-05	PIN ASSY	
C38			CK73GB1H223K	CHIP C 0.022UF K		CN3			E40-9527-05	FLAT CABLE CONNECTOR	
C39			C94-0051-05	ELECTRO 1UF 50WV		CN3			E41-0213-05	FLAT CABLE CONNECTOR	
C40			CK73GB1H102K	CHIP C 1000PF K		CN4			E40-9557-05	FLAT CABLE CONNECTOR	
C41-43			CK73GB1H103K	CHIP C 0.010UF K		CN5			E40-5031-05	FLAT CABLE CONNECTOR	
C44			C94-0032-05	ELECTRO 47UF 6.3WV		J1			E58-0863-15	RECTANGULAR RECEPTACLE	
C45,46			CC73GCH1H220J	CHIP C 22PF J		J2			E56-0834-05	CYLINDRICAL RECEPTACLE	
C47			CK73GB0J105K	CHIP C 1.0UF K		J3			E04-0154-05	RF COAXIAL CABLE RECEPTACLE	
C48			CK73EB0J106K	CHIP C 10UF K		L1			L33-1170-05	CHOKE COIL ASSY	
C49			CK73GB1H102K	CHIP C 1000PF K		L2			L33-1819-05	CHOKE COIL	
C50			CK73GB1H103K	CHIP C 0.010UF K		L3			L33-1029-05	SMALL FIXED INDUCTOR	
C51-53			C94-0044-05	ELECTRO 4.7UF 25WV		L4			L40-2205-91	SMALL FIXED INDUCTOR (22UH,J)	
C54			CK73GB1H103K	CHIP C 0.010UF K		L5			L40-4795-91	SMALL FIXED INDUCTOR (4.7UH,J)	
C55,56			C94-0044-05	ELECTRO 4.7UF 25WV		L6			L92-0075-05	CHIP FERRITE	
C57			CK73EB1C225K	CHIP C 2.2UF K		L7			L40-4795-91	SMALL FIXED INDUCTOR (4.7UH,J)	
C58			CK73GB1H103K	CHIP C 0.010UF K		L8			L33-1039-05	LINE FILTER COIL	
C60			C94-0042-05	ELECTRO 47UF 16WV		L9-14			L40-4795-91	SMALL FIXED INDUCTOR (4.7UH,J)	
C61			CK73GB1H103K	CHIP C 0.010UF K		X1			L78-0821-05	RESONATOR	
C62			C94-0052-05	ELECTRO 2.2UF 50WV		X2			L77-2880-05	CRYSTAL RESONATOR	
C63,64			C94-0161-05	ELECTRO 0.47UF 50WV		X3			L77-2002-05	CRYSTAL RESONATOR	
C65-68			CD04AX1A100M	ELECTRO 10UF 10WV		S		2D	N80-3008-46	PAN HEAD TAPTITE SCREW	
C69,70			CK73GB1C104K	CHIP C 0.10UF K		T		2D	N83-3016-46	PAN HEAD TAPTITE SCREW	
C69,70			CK73GB1H104K	CHIP C 0.10UF K		V		2D	N86-2606-46	BINDING HEAD TAPTITE SCREW	
C71			CC73GCH1H151J	CHIP C 150PF J		R1			RK73FB2B223J	CHIP R 22K J 1/8W	
C72			CK73GB1A474K	CHIP C 0.47UF K		R2			RK73GB2A101J	CHIP R 100 J 1/10W	
C73			CK73GB1H103K	CHIP C 0.010UF K		R3			RK73GB2A223J	CHIP R 22K J 1/10W	
C74			CK73GB1E333K	CHIP C 0.033UF K		R4			RK73GB2A222J	CHIP R 2.2K J 1/10W	
C74			CK73GB1H333K	CHIP C 0.033UF K		R5			RK73FB2B221J	CHIP R 220 J 1/8W	
C76			C94-0051-05	ELECTRO 1UF 50WV		R6			RK73GB2A153J	CHIP R 15K J 1/10W	
C77-80		*	C94-0049-05	ELECTRO 0.33UF 50WV		R7			R92-3032-05	CHIP R 4.3K D 1/10W	
C81-84		*	CD04AW1HR33M	ELECTRO 0.33UF 50WV		R8			R92-3047-05	CHIP R 24K D 1/10W	
C85-88			CK73GB1C104K	CHIP C 0.10UF K		R9			RK73GB2A152J	CHIP R 1.5K J 1/10W	
C85-88			CK73GB1H104K	CHIP C 0.10UF K		R10			R92-3018-05	CHIP R 150 D 1/10W	
C89-94			C94-0192-05	ELECTRO 22UF 16WV		R11			R92-3017-05	CHIP R 120 D 1/10W	
C95-100			C94-0039-05	ELECTRO 10UF 16WV		R12			R92-3021-05	CHIP R 680 D 1/10W	
C101-106			CK73GB1H222K	CHIP C 2200PF K		R13			R92-2104-05	CHIP R 2.2 J 1W	
C107-109			CK73FB1H104K	CHIP C 0.10UF K		R14			RK73FB2B751J	CHIP R 750 J 1/8W	
C111-114			C90-5684-05	NP-ELECT 0.22UF 50WV		R15			RK73FB2B103J	CHIP R 10K J 1/8W	
C115			C94-0051-05	ELECTRO 1UF 50WV		R16			RK73GB2A102J	CHIP R 1.0K J 1/10W	
C116			C94-0041-05	ELECTRO 33UF 16WV		R17			RK73GB2A750J	CHIP R 75 J 1/10W	
C117			C94-0051-05	ELECTRO 1UF 50WV		R18			RK73GB2A272J	CHIP R 2.7K J 1/10W	
C118			C90-5663-05	ELECTRO 1UF 50WV		R19			RK73GB2A470J	CHIP R 47 J 1/10W	
C119-125			CK73GB1H103K	CHIP C 0.010UF K		R20			RK73GB2A752J	CHIP R 7.5K J 1/10W	
C126			C94-0039-05	ELECTRO 10UF 16WV							

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ELECTRIC UNIT (X25-9172-71)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
R21			RK73GB2A563J	CHIP R 56K J 1/10W	
R22			RK73GB2A274J	CHIP R 270K J 1/10W	
R23			RK73GB2A470J	CHIP R 47 J 1/10W	
R24			RK73GB2A103J	CHIP R 10K J 1/10W	
R25,26			RK73GB2A913J	CHIP R 91K J 1/10W	
R29			RK73FB2B472J	CHIP R 4.7K J 1/8W	
R30			RD14DB2H102J	SMALL-RD 1.0K J 1/2W	
R31			RK73GB2A223J	CHIP R 22K J 1/10W	
R32			RD14DB2H102J	SMALL-RD 1.0K J 1/2W	
R33			RK73FB2B561J	CHIP R 560 J 1/8W	
R34			RK73GB2A473J	CHIP R 47K J 1/10W	
R35			RK73GB2A223J	CHIP R 22K J 1/10W	
R36			RK73GB2A104J	CHIP R 100K J 1/10W	
R37			RK73FB2B123J	CHIP R 12K J 1/8W	
R38			RK73GB2A123J	CHIP R 12K J 1/10W	
R39			RK73GB2A562J	CHIP R 5.6K J 1/10W	
R40			RK73GB2A223J	CHIP R 22K J 1/10W	
R41			RD14DB2H332J	SMALL-RD 3.3K J 1/2W	
R42			RD14BB2C473J	RD 47K J 1/6W	
R43			RK73GB2A183J	CHIP R 18K J 1/10W	
R44			RK73GB2A104J	CHIP R 100K J 1/10W	
R45			RK73FB2B472J	CHIP R 4.7K J 1/8W	
R47-49			RK73GB2A473J	CHIP R 47K J 1/10W	
R50			RK73GB2A153J	CHIP R 15K J 1/10W	
R51			RK73GB2A473J	CHIP R 47K J 1/10W	
R52-54			RK73GB2A101J	CHIP R 100 J 1/10W	
R57-59			RK73GB2A104J	CHIP R 100K J 1/10W	
R61			RK73GB2A103J	CHIP R 10K J 1/10W	
R62			RK73GB2A221J	CHIP R 220 J 1/10W	
R63,64			RK73GB2A104J	CHIP R 100K J 1/10W	
R67,68			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R69,70			RK73GB2A104J	CHIP R 100K J 1/10W	
R71,72			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R73			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R74,75			RK73GB2A101J	CHIP R 100 J 1/10W	
R76			RK73GB2A105J	CHIP R 1.0M J 1/10W	
R77,78			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R80-82			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R83-85			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R86			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R87			RK73GB2A104J	CHIP R 100K J 1/10W	
R88,89			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R92			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R93			RK73GB2A104J	CHIP R 100K J 1/10W	
R95,96			RK73GB2A104J	CHIP R 100K J 1/10W	
R97,98			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R99,100			RK73GB2A104J	CHIP R 100K J 1/10W	
R101			RK73GB2A471J	CHIP R 470 J 1/10W	
R102			RK73GB2A104J	CHIP R 100K J 1/10W	
R103-105			RK73GB2A471J	CHIP R 470 J 1/10W	
R106,107			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R108-110			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R111			RK73GB2A104J	CHIP R 100K J 1/10W	
R112			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R114,115			RK73GB2A102J	CHIP R 1.0K J 1/10W	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
R116,117			RK73GB2A103J	CHIP R 10K J 1/10W	
R118			RK73GB2A104J	CHIP R 100K J 1/10W	
R119			RK73GB2A473J	CHIP R 47K J 1/10W	
R120			RK73GB2A333J	CHIP R 33K J 1/10W	
R121			RK73GB2A104J	CHIP R 100K J 1/10W	
R122			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R124,125			RK73GB2A101J	CHIP R 100 J 1/10W	
R126			RK73GB2A473J	CHIP R 47K J 1/10W	
R130			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R131-133			RK73EB2E471J	CHIP R 470 J 1/4W	
R134			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R135,136			RK73EB2E103J	CHIP R 10K J 1/4W	
R140			RK73GB2A473J	CHIP R 47K J 1/10W	
R141,142			RK73GB2A103J	CHIP R 10K J 1/10W	
R143			RK73GB2A473J	CHIP R 47K J 1/10W	
R144			RK73GB2A821J	CHIP R 820 J 1/10W	
R145			RK73GB2A153J	CHIP R 15K J 1/10W	
R146			RK73GB2A333J	CHIP R 33K J 1/10W	
R147			RK73GB2A473J	CHIP R 47K J 1/10W	
R148			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R151			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R152,153			RK73GB2A334J	CHIP R 330K J 1/10W	
R154,155			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R156			RK73GB2A103J	CHIP R 10K J 1/10W	
R161-164			RK73FB2B361J	CHIP R 360 J 1/8W	
R165,166			RK73GB2A361J	CHIP R 360 J 1/10W	
R167-170			RK73FB2B222J	CHIP R 2.2K J 1/8W	
R171,172			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R173-176			RK73FB2B103J	CHIP R 10K J 1/8W	
R177,178			RK73GB2A103J	CHIP R 10K J 1/10W	
R179-182			RK73FB2B223J	CHIP R 22K J 1/8W	
R183,184			RK73GB2A223J	CHIP R 22K J 1/10W	
R185-188			RK73FB2B820J	CHIP R 82 J 1/8W	
R189,190			RK73GB2A820J	CHIP R 82 J 1/10W	
R199			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R200			RK73GB2A221J	CHIP R 220 J 1/10W	
R201			RK73GB2A223J	CHIP R 22K J 1/10W	
R202			RK73GB2A333J	CHIP R 33K J 1/10W	
R203			RK73GB2A432J	CHIP R 4.3K J 1/10W	
R204			RK73GB2A100J	CHIP R 10 J 1/10W	
R210			RK73EB2E101J	CHIP R 100 J 1/4W	
R211,212			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R213			RK73EB2E4R7J	CHIP R 4.7 J 1/4W	
R214			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R215			RK73EB2E100J	CHIP R 10 J 1/4W	
R216,217			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R218			RK73EB2E101J	CHIP R 100 J 1/4W	
R219			RK73EB2E100J	CHIP R 10 J 1/4W	
R220			RK73EB2E101J	CHIP R 100 J 1/4W	
R221			RK73FB2B102J	CHIP R 1.0K J 1/8W	
R222			RK73GB2A223J	CHIP R 22K J 1/10W	
R223			RK73FB2B102J	CHIP R 1.0K J 1/8W	
R224			RK73GB2A223J	CHIP R 22K J 1/10W	
R226			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R227-233			RK73GB2A222J	CHIP R 2.2K J 1/10W	

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ELECTRIC UNIT (X25-9172-71)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R240			RK73GB2A472J	CHIP R 4.7K J 1/10W		IC10-13			NJM4565M-TE2	ANALOGUE IC	
R241			RK73GB2A223J	CHIP R 22K J 1/10W		IC14			SAA6581T	ANALOGUE IC	
R242			RK73EB2E472J	CHIP R 4.7K J 1/4W		IC15			LB1930M	ANALOGUE IC	
R243			RK73EB2E471J	CHIP R 470 J 1/4W		Q1			KTA1046	TRANSISTOR	
R244,245			RK73EB2E102J	CHIP R 1.0K J 1/4W		Q2			2SC4081	TRANSISTOR	
R246			RK73EB2E471J	CHIP R 470 J 1/4W		Q3			2SA1576A	TRANSISTOR	
R247,248			RK73EB2E102J	CHIP R 1.0K J 1/4W		Q4			DTA124EUA	DIGITAL TRANSISTOR	
W5			R92-1252-05	CHIP R 0 OHM J 1/16W		Q4			KRA303	DIGITAL TRANSISTOR	
D1			1N5393G-M5	DIODE		Q5			DTC124EUA	DIGITAL TRANSISTOR	
D2			RB160L-40	DIODE		Q5			KRC403	DIGITAL TRANSISTOR	
D3			MA4056(N)-M	ZENER DIODE		Q6			DTC144EUA	DIGITAL TRANSISTOR	
D4			HZS9A2L	ZENER DIODE		Q6			KRC404	DIGITAL TRANSISTOR	
D4			MAZ4082N-L	ZENER DIODE		Q7			DTA124EUA	DIGITAL TRANSISTOR	
D5			SFPB-54V	DIODE		Q7			KRA303	DIGITAL TRANSISTOR	
D6			MA4100-L	ZENER DIODE		Q8			KTA1046	TRANSISTOR	
D7			MA4051(N)-M	ZENER DIODE		Q9			2SD2375	TRANSISTOR	
D8			MA4110(N)-M	ZENER DIODE		Q10			2SC4081	TRANSISTOR	
D9			MA4056(N)-M	ZENER DIODE		Q11			DTC124EUA	DIGITAL TRANSISTOR	
D10,11			1SR154-400	DIODE		Q11			KRC403	DIGITAL TRANSISTOR	
D13			1SR154-400	DIODE		Q12			DTA124EUA	DIGITAL TRANSISTOR	
D14			1SS133	DIODE		Q12			KRA303	DIGITAL TRANSISTOR	
D15			MA4056-M	ZENER DIODE		Q13			KTA1046	TRANSISTOR	
D16			HZS5B1	ZENER DIODE		Q14			2SC4081	TRANSISTOR	
D16			MAZ4047-M	ZENER DIODE		Q15			2SB1443	TRANSISTOR	
D17			MA4056(N)-M	ZENER DIODE		Q16,17			2SC4081	TRANSISTOR	
D18			HZS6C2L	ZENER DIODE		Q18,19			2SA1576A	TRANSISTOR	
D18			MA4062(N)-M	ZENER DIODE		Q20			2SC4081	TRANSISTOR	
D21,22			DAP202U	DIODE		Q21			2SA1576A	TRANSISTOR	
D23,24			MA3062WA	ZENER DIODE		Q22			2SC4081	TRANSISTOR	
D25			DA204K	DIODE		Q25			2SB1240	TRANSISTOR	
D25			KDS226	DIODE		Q26			2SA1576A	TRANSISTOR	
D27			DA204K	DIODE		Q27			DTA124EUA	DIGITAL TRANSISTOR	
D27			KDS226	DIODE		Q27			KRA303	DIGITAL TRANSISTOR	
D29,30			RD6.8M(B2)	ZENER DIODE		Q28			DTC114YUA	DIGITAL TRANSISTOR	
D31-33			1SS133	DIODE		Q28			KRC407	DIGITAL TRANSISTOR	
D35-42			1SR154-400	DIODE		Q29			DTA123JK	DIGITAL TRANSISTOR	
D43			RD6.8MW	ZENER DIODE		Q29			KRA105S	DIGITAL TRANSISTOR	
D44			RD6.8M(B2)	ZENER DIODE		Q30			DTC144EUA	DIGITAL TRANSISTOR	
D45,46			MA3062WA	ZENER DIODE		Q30			KRC404	DIGITAL TRANSISTOR	
D49			IMSA-6801	SURGE ABSORBER		Q31,32			2SC4081	TRANSISTOR	
D50-56			DA204K	DIODE		Q33,34			DTA124EUA	DIGITAL TRANSISTOR	
D50-56			KDS226	DIODE		Q33,34			KRA303	DIGITAL TRANSISTOR	
D60,61			DA204U	DIODE		Q35			2SC4081	TRANSISTOR	
IC1			UPD703033GFA21	MICROCONTROLLER IC		Q36			DTC124EUA	DIGITAL TRANSISTOR	
IC2			TDA7407	ANALOGUE IC		Q36			KRC403	DIGITAL TRANSISTOR	
IC3			M5237ML	ANALOGUE IC		Q37-43			DTC143TUA	DIGITAL TRANSISTOR	
IC4			E-TDA7560	ANALOGUE IC		Q37-43			KRC410	DIGITAL TRANSISTOR	
IC5			TDA7401	ANALOGUE IC		Q45			DTC124EUA	DIGITAL TRANSISTOR	
IC6			SI-8033JD	ANALOGUE IC		Q45			KRC403	DIGITAL TRANSISTOR	
IC7			ICL7660SIBA	ANALOGUE IC		Q46			2SB1188(Q,R)	TRANSISTOR	
IC7			TC7662BEOA	ANALOGUE IC		Q47			DTC124EUA	DIGITAL TRANSISTOR	
IC8			S-80837CNNB	MOS-IC		Q47			KRC403	DIGITAL TRANSISTOR	
IC9			HD74HC02FP	MOS-IC		Q48			2SB1188(Q,R)	TRANSISTOR	
IC9			TC74HC02AF	MOS-IC		Q49			DTC143TUA	DIGITAL TRANSISTOR	
						Q49			KRC410	DIGITAL TRANSISTOR	

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ELECTRIC UNIT (X25-9172-71)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
Q50 TH1			2SB1427 PRF21BD471QB2	TRANSISTOR POSITIVE RESISTOR	
A1			W02-3341-05	ELECTRIC CIRCUIT MODULE	
A2			X86-3242-70	TUNER UNIT	
CD PLAYER UNIT (X32-5210-00)					
C1,2 C3 C4,5 C6 C7			CK73GB1H222K CK73FB1A225K CK73EB1A475K CK73GB1C104K CC73GCH1H331J	CHIP C 2200PF K CHIP C 2.2UF K CHIP C 4.7UF K CHIP C 0.10UF K CHIP C 330PF J	
C8 C10 C11 C12 C14			CK73FB1A225K CK73GB1C104K CK73GB1H472K CK73GB1H102K CK73GB0J105K	CHIP C 2.2UF K CHIP C 0.10UF K CHIP C 4700PF K CHIP C 1000PF K CHIP C 1.0UF K	
C15 C17 C18 C19 C20			C92-0712-05 CK73GB1C104K CK73GB1H152K CK73GB1C104K CC73GCH1H331J	CHIP-TAN 22UF 6.3WV CHIP C 0.10UF K CHIP C 1500PF K CHIP C 0.10UF K CHIP C 330PF J	
C21 C22 C23 C24 C25,26			CK73GB1C104K CK73FB1A105K CK73GB1H103K C92-0628-05 CK73GB1C104K	CHIP C 0.10UF K CHIP C 1.0UF K CHIP C 0.010UF K CHIP-TAN 10UF 10WV CHIP C 0.10UF K	
C27,28 C29,30 C31,32 C33 C34			CC73GCH1H680J CC73GCH1H681J CK73GB1C104K C92-0712-05 CK73EB1A475K	CHIP C 68PF J CHIP C 680PF J CHIP C 0.10UF K CHIP-TAN 22UF 6.3WV CHIP C 4.7UF K	
C35-37 C39 C42 C43,44 C45			CK73GB1C104K CK73GB1C104K C92-0628-05 CK73GB1C104K CK73GB1H152K	CHIP C 0.10UF K CHIP C 0.10UF K CHIP-TAN 10UF 10WV CHIP C 0.10UF K CHIP C 1500PF K	
C46 C49 C51,52 C57 C59			CC73GCH1H470J CC73GCH1H680J CK73GB1C104K CK73GB1C104K CC73GCH1H020C	CHIP C 47PF J CHIP C 68PF J CHIP C 0.10UF K CHIP C 0.10UF K CHIP C 2.0PF C	
C60 C61 C63 C64 C65			CK73GB1C104K CK73GB1H222K CK73GB1H332K CK73GB1C104K CK73GB1H682K	CHIP C 0.10UF K CHIP C 2200PF K CHIP C 3300PF K CHIP C 0.10UF K CHIP C 6800PF K	
C66 C68 C69 C71 C72			CK73GB1H103K CC73GCH1H060D CK73GB1C104K CK73GB1C104K C92-0628-05	CHIP C 0.010UF K CHIP C 6.0PF D CHIP C 0.10UF K CHIP C 0.10UF K CHIP-TAN 10UF 10WV	
C73,74 C75,76 C77-80			CK73EB1A475K CK73GB1C104K CK73GB1H152K	CHIP C 4.7UF K CHIP C 0.10UF K CHIP C 1500PF K	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
C81			CK73GB1H102K	CHIP C 1000PF K	
CN1 CN1 CN2 CN2			E40-9527-05 E41-0213-05 E40-9536-05 E41-0193-05	FLAT CABLE CONNECTOR FLAT CABLE CONNECTOR FLAT CABLE CONNECTOR FLAT CABLE CONNECTOR	
X1 X2			L78-0862-05 L78-0860-05	RESONATOR (16.00MHZ) RESONATOR (16.93MHZ)	
CP3 CP4 CP15 CP21 CP22			R90-1019-05 R90-0720-05 R90-0720-05 R90-1019-05 R90-0714-05	MULTI-COMP 100 X2 MULTI-COMP 100K X4 MULTI-COMP 100K X4 MULTI-COMP 100 X2 MULTI-COMP 10K X4	
CP23 CP28 R1,2 R3 R5			R90-0718-05 R90-1019-05 RK73FB2B331J RK73GB2A222J RK73GB2A104J	MULTI-COMP 4.7K X4 MULTI-COMP 100 X2 CHIP R 330 J 1/8W CHIP R 2.2K J 1/10W CHIP R 100K J 1/10W	
R11 R14,15 R16 R17,18 R19			RK73GB2A133J RK73GB2A101J RK73GB2A133J RK73GB2A104J RK73GB2A472J	CHIP R 13K J 1/10W CHIP R 100 J 1/10W CHIP R 13K J 1/10W CHIP R 100K J 1/10W CHIP R 4.7K J 1/10W	
R20 R22 R23,24 R25 R26			RK73GB2A123J RK73GB2A432J RK73GB2A103J RK73GB2A183J RK73GB2A472J	CHIP R 12K J 1/10W CHIP R 4.3K J 1/10W CHIP R 10K J 1/10W CHIP R 18K J 1/10W CHIP R 4.7K J 1/10W	
R27 R28 R29 R32 R33			RK73GB2A133J RK73GB2A472J RK73GB2A104J RK73GB2A101J RK73GB2A104J	CHIP R 13K J 1/10W CHIP R 4.7K J 1/10W CHIP R 100K J 1/10W CHIP R 100 J 1/10W CHIP R 100K J 1/10W	
R36 R37 R38 R40,41 R42			RK73FB2B4R7J RK73GB2A103J RK73GB2A102J RK73GB2A103J RK73GB2A364J	CHIP R 4.7 J 1/8W CHIP R 10K J 1/10W CHIP R 1.0K J 1/10W CHIP R 10K J 1/10W CHIP R 360K J 1/10W	
R43 R49,50 R51 R56 R57			RK73GB2A104J RK73GB2A302J RK73GB2A472J RK73GB2A682J RK73GB2A333J	CHIP R 100K J 1/10W CHIP R 3.0K J 1/10W CHIP R 4.7K J 1/10W CHIP R 6.8K J 1/10W CHIP R 33K J 1/10W	
R58 R61 R63 R70,71 R72-74			RK73GB2A103J RK73GB2A391J RK73GB2A104J RK73GB2A103J RK73GB2A104J	CHIP R 10K J 1/10W CHIP R 390 J 1/10W CHIP R 100K J 1/10W CHIP R 10K J 1/10W CHIP R 100K J 1/10W	
R77-79 R81 R82 R84 R85,86			RK73GB2A101J RK73GB2A102J RK73GB2A104J RK73GB2A472J R92-3044-05	CHIP R 100 J 1/10W CHIP R 1.0K J 1/10W CHIP R 100K J 1/10W CHIP R 4.7K J 1/10W CHIP R 18K D 1/10W	
R87,88			RK73FB2B303J	CHIP R 30K J 1/8W	

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CD PLAYER UNIT (X32-5210-00)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R89,90			R92-3041-05	CHIP R 11K D 1/10W		36	1A		D23-0954-04	RETAINER	
R91,92			RK73FB2B752J	CHIP R 7.5K J 1/8W		37	1B		D39-0246-05	DAMPER	
R93,94			RK73FB2B272J	CHIP R 2.7K J 1/8W							
R95			RK73GB2A102J	CHIP R 1.0K J 1/10W		38	2B		G01-3072-04	EXTENSION SPRING	
R99			RK73GB2A473J	CHIP R 47K J 1/10W		39	2A		G01-3073-04	TORSION COIL SPRING	
						40	2A		G01-3074-04	EXTENSION SPRING	
R101			RK73GB2A123J	CHIP R 12K J 1/10W		41	1B		G01-3075-14	EXTENSION SPRING	
W1-4			R92-1252-05	CHIP R 0 OHM J 1/16W		42	2A		G01-3076-04	EXTENSION SPRING	
S1,2			S68-0863-05	PUSH SWITCH		43	1B		G01-3077-14	EXTENSION SPRING	
S3			S68-0862-05	PUSH SWITCH		44	2B		G02-1399-04	FLAT SPRING	
						45	2B		G02-1408-04	FLAT SPRING	
D2			DAP202U	DIODE							
D3			DA204U	DIODE		51	1A		J21-9676-32	MOUNTING HARDWARE	
IC2			L88MS33T	ANALOGUE IC		52	3B		J21-9677-22	MOUNTING HARDWARE	
IC4			BA5824FP	ANALOGUE IC		53	1B		J21-9678-13	MOUNTING HARDWARE	
IC5			703033AYGC-J05	MICROCONTROLLER IC		55	1A		J90-1001-11	GUIDE	
						56	1B		J90-1023-03	GUIDE	
IC6			TAR5S33	ANALOGUE IC							
IC7			TC74HCT7007AF	MOS-IC		DFPC1	3A		J84-0141-05	FPC (16PIN)	
IC10			UPD63760GJ	MOS-IC							
IC11			IC41LV16257	DRAM IC		A	2B		N09-4460-05	TAPTITE SCREW (OVAL P TAPTIT)	
IC11			MSM51V4265EP70	DRAM IC		B	1B		N09-4472-15	MACHINE SCREW (M1.7X8.0)	
						C	2B		N09-6004-05	MACHINE SCREW (M1.7X2.5 IB-L)	
IC12			NJM4580M1	ANALOGUE IC		D	1A		N09-6051-05	TAPTITE SCREW (BIND P 2X5)	
Q1			DTA143EUA	DIGITAL TRANSISTOR		E	2B		N09-6007-05	MACHINE SCREW (PAN M2X2)	
Q2			MCH6101	TRANSISTOR							
Q3			DTC124EUA	DIGITAL TRANSISTOR		G	2A		N19-2163-04	FLAT WASHER	
Q4			DTA143XUA	DIGITAL TRANSISTOR		H	1B		N39-2020-46	PAN HEAD MACHINE SCREW	
						J	1B		N09-6108-05	MACHINE SCREW (M2*3.5TYPE3)	
Q5			DTC124EUA	DIGITAL TRANSISTOR							
MECHANISM ASSY (X92-4460-00)						DM1	3B		T42-1066-04	DC MOTOR ASSY (SPINDLE)	
2	1B		A10-4827-32	CHASSIS		DM2	3B		T42-1067-04	DC MOTOR ASSY (LOADING)	
						DPU1	2B		T25-0223-05	OPTICAL PICKUP HEAD	
5	1B		D10-4576-83	ARM ASSY							
8	2A		D10-4579-13	LEVER ASSY							
10	3A		D10-4581-13	ARM							
11	2A		D10-4582-13	ARM							
12	3A		D10-4583-03	ARM							
13	3A		D10-4584-03	ARM							
14	3B		D10-4585-03	ARM							
15	2A		D10-4586-13	SLIDER							
16	3B		D10-4587-42	SLIDER							
17	3B		D10-4588-13	SLIDER							
18	3B		D10-4595-04	ARM							
19	3B		D10-4596-24	ARM							
22	2A		D13-2151-04	GEAR							
23	2B		D13-2152-04	GEAR							
24	3B		D13-2153-04	GEAR							
25	3B		D13-2154-04	GEAR							
26	3B		D13-2155-04	WORM							
27	3B		D13-2156-14	GEAR							
28	3B		D13-2157-04	GEAR							
29	3B		D13-2158-04	GEAR							
30	3B		D13-2168-04	GEAR							
31	3B		D13-2171-04	GEAR							
32	2B		D13-2172-13	RACK (GEAR)							
33	2A		D14-0759-04	ROLLER							
35	2B		D21-2382-04	SHAFT							

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KDC-M907

SPECIFICATIONS

FM	Preout Level/Load-Unbalanced 4500mV/10k Ω (CD PLAY)
Frequency Range (Frequency step)	Preout Impedance 80 Ω
..... 87.5MHz~108.0MHz (50kHz)	
Usable Sensitivity (S/N 26dB) 0.7 μ V/75 Ω	AMP
Quieting Sensitivity (S/N 46dB) 1.6 μ V/75 Ω	Maximum Power 50W x 4
Frequency Response (\pm 3.0dB) 30Hz~15kHz	PWR DIN45324, +B=14.4V 30W x 4
S/N 65dB (MONO)	
Selectivity (DIN) \geq 80dB (\pm 400kHz)	TONE
Stereo Separation 35dB (1kHz)	Bass 100Hz \pm 10dB
	Middle 1kHz \pm 10dB
	Treble 10kHz \pm 10dB
MW	
Frequency Range (Frequency step)	GENERAL
..... 531kHz~1611kHz (9kHz)	Operating Voltage (11V~16V allowable) 14.4V
Usable Sensitivity (S/N 20dB) 25 μ V	Current Consumption 10A
	Installation Size (W x H x D) 182 x 53 x 162 mm
LW	Weight 1.5kg
Frequency Range 153kHz~281kHz	
Usable Sensitivity (S/N 20dB) 45 μ V	
CD	
Laser Diode GaAlAs	
Digital Filter (D/A) 8 Times Over Sampling	
D/A Converter 1Bit	
Spindle Speed (CD-DA/MP3/WMA)	
..... 1000~400rpm (CLV 2times)	
Wow & Flutter Below Mesurable Limit	
Frequency Response 10Hz~20kHz (\pm 1dB)	
Total Harmonic Distortion 0.01% (1kHz)	
S/N Ratio 105dB (1kHz)	
Dynamic Range 93dB	
Channel Separation 95dB	
MP3 decode Compliant with MPEG-1/2 Audio Layer-3	

KENWOOD follows a policy of continuous advancements in development.

For this reason specifications may be changed without notice.

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